

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #1 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{8}{9} \div \frac{1}{3} = \frac{2}{3}$ (3)	Convert to Decimal $\frac{1}{2} = .5$ (2)	80% of 60 $= 48$ (2)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$ (2)	11 (11)
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Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 96.02 \\ + 33.86 \\ \hline 129.88 \end{array}$ (6)	$\begin{array}{r} 91.78 \\ - 5.52 \\ \hline 86.26 \end{array}$ (5)	Convert to Fraction .3 = $\frac{3}{10}$ (3)	$\begin{array}{r} 8 \\ \times 2.3 \\ \hline 18.4 \end{array}$ (4)	20 (31)
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$\frac{5}{7} \times \frac{2}{3} = \frac{10}{21}$ (4)	$4.2 \overline{) 11.571}$ (6)	$5 \overline{) 37.5}$ (3)	$\begin{array}{r} 45.2 \\ \times 3 \\ \hline 135.6 \end{array}$ (5)	$\begin{array}{r} 54.1 \\ \times 5.9 \\ \hline 319.19 \end{array}$ (6)	24 (55)
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Convert to Decimal $\frac{3}{5} = .6$ (2)	$\frac{2}{3} \div \frac{1}{2} = 1\frac{1}{3}$ (3)	$\begin{array}{r} 73.51 \\ - 7.2 \\ \hline 66.31 \end{array}$ (5)	Convert to Decimal $\frac{1}{5} = .2$ (2)	Convert to Fraction .1 = $\frac{1}{10}$ (3)	15 (70)
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$7 \overline{) 68}$ 9 r 5 (2)	$12 \overline{) 144}$ (2)	$8.1 \overline{) 48.6}$ (1)	$\begin{array}{r} 63.54 \\ + 15.63 \\ \hline 79.17 \end{array}$ (5)	$\begin{array}{r} 39.49 \\ + 10.86 \\ \hline 50.35 \end{array}$ (5)	15 (85)
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$\begin{array}{r} 41.5 \\ \times 3 \\ \hline 124.5 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 27.5 \\ \times 6.4 \\ \hline 176 \end{array}$ (3)	50% of 36 $= 18$ (2)	$\frac{4}{7} + \frac{5}{7} = 1\frac{2}{7}$ (3)	15 (100)
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$$\begin{array}{r} 37.846 \\ 1.3 \overline{)49.2} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 4.194 \\ 6.2 \overline{)26.0} \\ \hline \end{array}$$

(5)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2) 18 (118)

$$\begin{array}{r} 7.8 \\ \times 3 \\ \hline 23.4 \end{array}$$

(4)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

50% of 25

$$= 12.5$$

(4)

$$\begin{array}{r} 66 \\ \times 9 \\ \hline 594 \end{array}$$

(3)

$$\begin{array}{r} 96.84 \\ + 3.18 \\ \hline 100.02 \end{array}$$

(6) 21 (139)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

96% of 30

$$= 28.8$$

(4)

$$\begin{array}{r} 381 \\ \times 25 \\ \hline 9525 \end{array}$$

(4)

43% of 25

$$= 10.75$$

(5)

$$\begin{array}{r} 17.5 \\ \times 6 \\ \hline 105 \end{array}$$

(3) 18 (157)

$$\begin{array}{r} 84.05 \\ + 59.82 \\ \hline 143.87 \end{array}$$

(6)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 13 \text{ r } 30 \\ 67 \overline{)901} \\ \hline \end{array}$$

(4)

$$\begin{array}{r} 3.2 \\ 14 \overline{)44.8} \\ \hline \end{array}$$

(3)

$$\frac{8}{9} \times \frac{1}{9} = \frac{8}{81}$$

(3) 18 (175)

$$\begin{array}{r} 362 \\ \times 63 \\ \hline 22806 \end{array}$$

(5)

$$\frac{9}{10} + \frac{1}{5} = 1\frac{1}{10}$$

(4)

$$\begin{array}{r} 574 \\ \times 72 \\ \hline 41328 \end{array}$$

(5)

$$\frac{2}{3} + 1 = 1\frac{2}{3}$$

(3)

$$\begin{array}{r} 7.8 \\ 9 \overline{)70.2} \\ \hline \end{array}$$

(3) 20 (195)

$$\begin{array}{r} 2.4 \\ 10 \overline{)24.0} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

(2)

$$\begin{array}{r} 8.27 \\ - 2.93 \\ \hline 5.34 \end{array}$$

(4)

$$\begin{array}{r} 44.1 \\ \times 7.6 \\ \hline 335.16 \end{array}$$

(6)

$$\frac{4}{9} - \frac{1}{9} = \frac{1}{3}$$

(2) 17 (212)

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Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{8}{9} / \frac{1}{3} =$$

$$\frac{1}{2} =$$

$$80\% \text{ of } 60 =$$

$$\frac{\text{Convert to Fraction}}{.8} =$$

$$\frac{1}{3} + \frac{1}{3} =$$

$$\frac{\text{Convert to Fraction}}{.5} =$$

$$\begin{array}{r} 96.02 \\ + 33.86 \\ \hline \end{array}$$

$$\begin{array}{r} 91.78 \\ - 5.52 \\ \hline \end{array}$$

$$\frac{\text{Convert to Fraction}}{.3} =$$

$$\begin{array}{r} 8 \\ \times 2.3 \\ \hline \end{array}$$

$$\frac{5}{7} * \frac{2}{3} =$$

$$4.2 \overline{)48.6}$$

$$5 \overline{)37.5}$$

$$\begin{array}{r} 45.2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 54.1 \\ \times 5.9 \\ \hline \end{array}$$

$$\frac{\text{Convert to Decimal}}{\frac{3}{5}} =$$

$$\frac{2}{3} / \frac{1}{2} =$$

$$\begin{array}{r} 73.51 \\ - 7.2 \\ \hline \end{array}$$

$$\frac{\text{Convert to Decimal}}{\frac{1}{5}} =$$

$$\frac{\text{Convert to Fraction}}{.1} =$$

$$7 \overline{)68}$$

$$12 \overline{)144}$$

$$8.1 \overline{)48.6}$$

$$\begin{array}{r} 63.54 \\ + 15.63 \\ \hline \end{array}$$

$$\begin{array}{r} 39.49 \\ + 10.86 \\ \hline \end{array}$$

$$\begin{array}{r} 41.5 \\ \times 3 \\ \hline \end{array}$$

$$\frac{\text{Convert to Fraction}}{.25} =$$

$$\begin{array}{r} 27.5 \\ \times 6.4 \\ \hline \end{array}$$

$$\frac{50\% \text{ of } 36}{=} =$$

$$\frac{4}{7} + \frac{5}{7} =$$

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Student Name: _____**Grade:** _____**Teacher Name:** _____

$$1.3 \overline{)49.2}$$

$$\text{Convert to Fraction} \\ .2 =$$

$$\text{Convert to Fraction} \\ .7 =$$

$$6.2 \overline{)26.0}$$

$$\text{Convert to Fraction} \\ .4 =$$

$$\begin{array}{r} 7.8 \\ \times 3 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{3}{8} =$$

$$50\% \text{ of } 25 =$$

$$\begin{array}{r} 66 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 96.84 \\ + 3.18 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{4}{5} =$$

$$96\% \text{ of } 30 =$$

$$\begin{array}{r} 381 \\ \times 25 \\ \hline \end{array}$$

$$43\% \text{ of } 25 =$$

$$\begin{array}{r} 17.5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 84.05 \\ + 59.82 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .75 =$$

$$67 \overline{)901}$$

$$14 \overline{)44.8}$$

$$\frac{8}{9} \times \frac{1}{9} =$$

$$\begin{array}{r} 362 \\ \times 63 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{1}{5} =$$

$$\begin{array}{r} 574 \\ \times 72 \\ \hline \end{array}$$

$$\frac{2}{3} + 1 =$$

$$9 \overline{)70.2}$$

$$10 \overline{)24.0}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8.27 \\ - 2.93 \\ \hline \end{array}$$

$$\begin{array}{r} 44.1 \\ \times 7.6 \\ \hline \end{array}$$

$$\frac{4}{9} - \frac{1}{9} =$$

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$1 \div \frac{9}{10} = 1\frac{1}{9}$ (3)	Convert to Decimal $\frac{1}{4} = .25$ (3)	90% of 74 = 66.6 (4)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\frac{2}{3} + \frac{7}{9} = 1\frac{4}{9}$ (3)	15 (15)
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Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 20.81 \\ + 17.59 \\ \hline 38.4 \end{array}$ (4)	$\begin{array}{r} 35.09 \\ - 2.54 \\ \hline 32.55 \end{array}$ (5)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 57.9 \\ \times 4 \\ \hline 231.6 \end{array}$ (5)	18 (33)
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$\frac{8}{9} \times \frac{8}{9} = \frac{64}{81}$ (4)	$5.4 \overline{)15.926}$ (6)	$20 \overline{)110.0}$ (3)	$\begin{array}{r} 33.4 \\ \times 5 \\ \hline 167 \end{array}$ (3)	$\begin{array}{r} 59.6 \\ \times 1.2 \\ \hline 71.52 \end{array}$ (5)	21 (54)
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Convert to Decimal $\frac{4}{5} = .8$ (2)	$\frac{2}{5} \div \frac{8}{9} = \frac{9}{20}$ (3)	$\begin{array}{r} 39.13 \\ - 8.02 \\ \hline 31.11 \end{array}$ (5)	Convert to Decimal $\frac{1}{8} = .125$ (4)	Convert to Fraction .9 = $\frac{9}{10}$ (3)	17 (71)
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$78 \overline{)101}$ (3)	$14 \overline{)61 \text{ r } 10}$ (4)	$3.6 \overline{)6.722}$ (5)	$\begin{array}{r} 47.76 \\ + 2.76 \\ \hline 50.52 \end{array}$ (5)	$\begin{array}{r} 66.95 \\ + 28.23 \\ \hline 95.18 \end{array}$ (5)	22 (93)
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$\begin{array}{r} 25.5 \\ \times 3 \\ \hline 76.5 \end{array}$ (4)	Convert to Fraction .1 = $\frac{1}{10}$ (3)	$\begin{array}{r} 20.3 \\ \times 2.8 \\ \hline 56.84 \end{array}$ (5)	26% of 20 = 5.2 (3)	$\frac{8}{9} + \frac{5}{9} = 1\frac{4}{9}$ (3)	18 (111)
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$\begin{array}{r} 6.5 \overline{) 6.138} \\ \underline{39.9} \\ 13.9 \\ \underline{13.9} \\ 0 \end{array}$ <p>(5)</p>	Convert to Fraction $.2 = \frac{1}{5}$ <p>(2)</p>	Convert to Fraction $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 4.5 \overline{) 14.689} \\ \underline{66.1} \\ 14.8 \\ \underline{13.5} \\ 1.3 \\ \underline{1.35} \\ .09 \\ \underline{.09} \\ 0 \end{array}$ <p>(6)</p>	Convert to Fraction $.25 = \frac{1}{4}$ <p>(2)</p>	17 (128)
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$\begin{array}{r} 8 \\ \times 7.5 \\ \hline 60 \end{array}$ <p>(2)</p>	Convert to Decimal $\frac{9}{10} = .9$ <p>(2)</p>	75% of 16 $= 12$ <p>(2)</p>	$\begin{array}{r} 94.9 \\ \times 3.9 \\ \hline 370.11 \end{array}$ <p>(6)</p>	$\begin{array}{r} 34.89 \\ + 13.46 \\ \hline 48.35 \end{array}$ <p>(5)</p>	17 (145)
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Convert to Decimal $\frac{7}{10} = .7$ <p>(2)</p>	90% of 55 $= 49.5$ <p>(4)</p>	$\begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array}$ <p>(2)</p>	75% of 24 $= 18$ <p>(2)</p>	$\begin{array}{r} 20.6 \\ \times 3 \\ \hline 61.8 \end{array}$ <p>(4)</p>	14 (159)
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$\begin{array}{r} 94.85 \\ + 12.98 \\ \hline 107.83 \end{array}$ <p>(6)</p>	Convert to Fraction $.6 = \frac{3}{5}$ <p>(2)</p>	$\begin{array}{r} 1 \text{ r } 69 \\ 81 \overline{) 150} \end{array}$ <p>(3)</p>	$\begin{array}{r} 8 \\ 8 \overline{) 64.0} \end{array}$ <p>(1)</p>	$\frac{2}{7} \times \frac{8}{9} = \frac{16}{63}$ <p>(4)</p>	16 (175)
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$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$ <p>(2)</p>	$\frac{6}{7} + \frac{5}{7} = 1\frac{4}{7}$ <p>(3)</p>	$\begin{array}{r} 976 \\ \times 30 \\ \hline 29280 \end{array}$ <p>(5)</p>	$\frac{5}{9} + \frac{1}{3} = \frac{8}{9}$ <p>(2)</p>	$\begin{array}{r} 8.3 \\ 11 \overline{) 91.3} \end{array}$ <p>(3)</p>	15 (190)
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$\begin{array}{r} 9.4 \\ 11 \overline{) 103.4} \end{array}$ <p>(3)</p>	$\begin{array}{r} 149 \\ \times 73 \\ \hline 10877 \end{array}$ <p>(5)</p>	$\begin{array}{r} 31.55 \\ - 9.09 \\ \hline 22.46 \end{array}$ <p>(5)</p>	$\begin{array}{r} 36.2 \\ \times 6.1 \\ \hline 220.82 \end{array}$ <p>(6)</p>	$1 - \frac{8}{9} = \frac{1}{9}$ <p>(2)</p>	21 (211)
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Student Name: _____ **Grade:** _____ **Teacher Name:** _____

$1 \div \frac{9}{10} =$	Convert to Decimal $\frac{1}{4} =$	90% of 74 =	Convert to Fraction .4 =	$\frac{2}{3} + \frac{7}{9} =$
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Convert to Fraction .5 =	$\begin{array}{r} 20.81 \\ + 17.59 \\ \hline \end{array}$	$\begin{array}{r} 35.09 \\ - 2.54 \\ \hline \end{array}$	Convert to Fraction .75 =	$\begin{array}{r} 57.9 \\ \times 4 \\ \hline \end{array}$
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$\frac{8}{9} * \frac{8}{9} =$	$5.4 \overline{)86.0}$	$20 \overline{)110.0}$	$\begin{array}{r} 33.4 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 59.6 \\ \times 1.2 \\ \hline \end{array}$
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Convert to Decimal $\frac{4}{5} =$	$\frac{2}{5} \div \frac{8}{9} =$	$\begin{array}{r} 39.13 \\ - 8.02 \\ \hline \end{array}$	Convert to Decimal $\frac{1}{8} =$	Convert to Fraction .9 =
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$78 \overline{)101}$	$14 \overline{)864}$	$3.6 \overline{)24.2}$	$\begin{array}{r} 47.76 \\ + 2.76 \\ \hline \end{array}$	$\begin{array}{r} 66.95 \\ + 28.23 \\ \hline \end{array}$
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$\begin{array}{r} 25.5 \\ \times 3 \\ \hline \end{array}$	Convert to Fraction .1 =	$\begin{array}{r} 20.3 \\ \times 2.8 \\ \hline \end{array}$	26% of 20 =	$\frac{8}{9} + \frac{5}{9} =$
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Student Name: _____**Grade:** _____**Teacher Name:** _____

$$6.5 \overline{)39.9}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .2 = \end{array}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .8 = \end{array}$$

$$4.5 \overline{)66.1}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .25 = \end{array}$$

$$\begin{array}{r} 8 \\ \times 7.5 \\ \hline \end{array}$$

$$\begin{array}{l} \text{Convert to Decimal} \\ \frac{9}{10} = \end{array}$$

$$\begin{array}{l} 75\% \text{ of } 16 \\ = \end{array}$$

$$\begin{array}{r} 94.9 \\ \times 3.9 \\ \hline \end{array}$$

$$\begin{array}{r} 34.89 \\ + 13.46 \\ \hline \end{array}$$

$$\begin{array}{l} \text{Convert to Decimal} \\ \frac{7}{10} = \end{array}$$

$$\begin{array}{l} 90\% \text{ of } 55 \\ = \end{array}$$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{l} 75\% \text{ of } 24 \\ = \end{array}$$

$$\begin{array}{r} 20.6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 94.85 \\ + 12.98 \\ \hline \end{array}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .6 = \end{array}$$

$$81 \overline{)150}$$

$$8 \overline{)64.0}$$

$$\frac{2}{7} \times \frac{8}{9} =$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

$$\frac{6}{7} + \frac{5}{7} =$$

$$\begin{array}{r} 976 \\ \times 30 \\ \hline \end{array}$$

$$\frac{5}{9} + \frac{1}{3} =$$

$$11 \overline{)91.3}$$

$$11 \overline{)103.4}$$

$$\begin{array}{r} 149 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 31.55 \\ - 9.09 \\ \hline \end{array}$$

$$\begin{array}{r} 36.2 \\ \times 6.1 \\ \hline \end{array}$$

$$1 - \frac{8}{9} =$$

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$\frac{4}{7} \div \frac{1}{2} = 1\frac{1}{7}$ (3)	Convert to Decimal $\frac{7}{10} = .7$ (2)	56% of 25 $= 14$ (2)	Convert to Fraction .25 $= \frac{1}{4}$ (2)	$\frac{1}{8} + \frac{5}{8} = \frac{3}{4}$ (2)	11 (11)
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Convert to Fraction .75 $= \frac{3}{4}$ (2)	$\begin{array}{r} 64.24 \\ + 21.52 \\ \hline 85.76 \end{array}$ (5)	$\begin{array}{r} 71.84 \\ - 3.22 \\ \hline 68.62 \end{array}$ (5)	Convert to Fraction .5 $= \frac{1}{2}$ (2)	$\begin{array}{r} 7.8 \\ \times 3.2 \\ \hline 24.96 \end{array}$ (5)	19 (30)
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$\frac{2}{3} * \frac{1}{2} = \frac{1}{3}$ (2)	$9.2 \overline{) 50.9}$ 5.533 (5)	$6 \overline{) 36.6}$ 6.1 (3)	$\begin{array}{r} 77.5 \\ \times 8 \\ \hline 620 \end{array}$ (3)	$\begin{array}{r} 23.5 \\ \times 3.3 \\ \hline 77.55 \end{array}$ (5)	18 (48)
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Convert to Decimal $\frac{5}{8} = .625$ (4)	$1 \div \frac{2}{3} = 1\frac{1}{2}$ (3)	$\begin{array}{r} 97.1 \\ - 9.23 \\ \hline 87.87 \end{array}$ (5)	Convert to Decimal $\frac{3}{4} = .75$ (3)	Convert to Fraction .4 $= \frac{2}{5}$ (2)	17 (65)
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$55 \overline{) 954}$ 17 r 19 (4)	$70 \overline{) 406}$ 5 r 56 (3)	$2.7 \overline{) 41.9}$ 15.519 (6)	$\begin{array}{r} 98.21 \\ + 96.89 \\ \hline 195.1 \end{array}$ (5)	$\begin{array}{r} 55 \\ + 4.53 \\ \hline 59.53 \end{array}$ (5)	23 (88)
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$\begin{array}{r} 83 \\ \times 2 \\ \hline 166 \end{array}$ (3)	Convert to Fraction .9 $= \frac{9}{10}$ (3)	$\begin{array}{r} 24.8 \\ \times 7.2 \\ \hline 178.56 \end{array}$ (6)	75% of 75 $= 56.25$ (5)	$\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$ (3)	20 (108)
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$\begin{array}{r} 5.145 \\ 8.3 \overline{)42.7} \\ \hline \end{array}$ <p>(5)</p>	Convert to Fraction $.6 = \frac{3}{5}$ <p>(2)</p>	Convert to Fraction $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 22.519 \\ 2.7 \overline{)60.8} \\ \hline \end{array}$ <p>(6)</p>	Convert to Fraction $.2 = \frac{1}{5}$ <p>(2)</p>	17 (125)
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$\begin{array}{r} 64.4 \\ \times 3 \\ \hline 193.2 \end{array}$ <p>(5)</p>	Convert to Decimal $\frac{3}{10} = .3$ <p>(2)</p>	93% of 25 $= 23.25$ <p>(5)</p>	$\begin{array}{r} 37.5 \\ \times 5.2 \\ \hline 195 \end{array}$ <p>(3)</p>	$\begin{array}{r} 80.89 \\ + 53.31 \\ \hline 134.2 \end{array}$ <p>(5)</p>	20 (145)
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Convert to Decimal $\frac{3}{5} = .6$ <p>(2)</p>	81% of 75 $= 60.75$ <p>(5)</p>	$\begin{array}{r} 845 \\ \times 43 \\ \hline 36335 \end{array}$ <p>(5)</p>	70% of 17 $= 11.9$ <p>(4)</p>	$\begin{array}{r} 85.1 \\ \times 7 \\ \hline 595.7 \end{array}$ <p>(5)</p>	21 (166)
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$\begin{array}{r} 9.01 \\ + 4.56 \\ \hline 13.57 \end{array}$ <p>(5)</p>	Convert to Fraction $.7 = \frac{7}{10}$ <p>(3)</p>	$\begin{array}{r} 12 \\ 4 \overline{)48} \\ \hline \end{array}$ <p>(2)</p>	$\begin{array}{r} 7.8 \\ 8 \overline{)62.4} \\ \hline \end{array}$ <p>(3)</p>	$\frac{1}{2} * \frac{5}{7} = \frac{5}{14}$ <p>(3)</p>	16 (182)
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$\begin{array}{r} 96 \\ \times 90 \\ \hline 8640 \end{array}$ <p>(4)</p>	$\frac{9}{10} + \frac{3}{5} = 1\frac{1}{2}$ <p>(3)</p>	$\begin{array}{r} 91 \\ \times 16 \\ \hline 1456 \end{array}$ <p>(4)</p>	$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$ <p>(2)</p>	$\begin{array}{r} 7.3 \\ 3 \overline{)21.9} \\ \hline \end{array}$ <p>(3)</p>	16 (198)
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$\begin{array}{r} 6.4 \\ 12 \overline{)76.8} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 797 \\ \times 47 \\ \hline 37459 \end{array}$ <p>(5)</p>	$\begin{array}{r} 80.3 \\ - 6.47 \\ \hline 73.83 \end{array}$ <p>(5)</p>	$\begin{array}{r} 81.1 \\ \times 5.4 \\ \hline 437.94 \end{array}$ <p>(6)</p>	$\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$ <p>(2)</p>	21 (219)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #3 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ **Grade:** _____ **Teacher Name:** _____

$\frac{4}{7} \div \frac{1}{2} =$	Convert to Decimal $\frac{7}{10} =$	56% of 25 =	Convert to Fraction .25 =	$\frac{1}{8} + \frac{5}{8} =$
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Convert to Fraction .75 =	$\begin{array}{r} 64.24 \\ + 21.52 \\ \hline \end{array}$	$\begin{array}{r} 71.84 \\ - 3.22 \\ \hline \end{array}$	Convert to Fraction .5 =	$\begin{array}{r} 7.8 \\ \times 3.2 \\ \hline \end{array}$
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$\frac{2}{3} * \frac{1}{2} =$	$9.2 \overline{)50.9}$	$6 \overline{)36.6}$	$\begin{array}{r} 77.5 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 23.5 \\ \times 3.3 \\ \hline \end{array}$
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Convert to Decimal $\frac{5}{8} =$	$1 \overline{) \frac{2}{3}} =$	$\begin{array}{r} 97.1 \\ - 9.23 \\ \hline \end{array}$	Convert to Decimal $\frac{3}{4} =$	Convert to Fraction .4 =
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$55 \overline{)954}$	$70 \overline{)406}$	$2.7 \overline{)41.9}$	$\begin{array}{r} 98.21 \\ + 96.89 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ + 4.53 \\ \hline \end{array}$
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$\begin{array}{r} 83 \\ \times 2 \\ \hline \end{array}$	Convert to Fraction .9 =	$\begin{array}{r} 24.8 \\ \times 7.2 \\ \hline \end{array}$	75% of 75 =	$\frac{7}{9} + \frac{5}{9} =$
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #3 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$8.3 \overline{)42.7}$$

$$\text{Convert to Fraction} \\ .6 =$$

$$\text{Convert to Fraction} \\ .8 =$$

$$2.7 \overline{)60.8}$$

$$\text{Convert to Fraction} \\ .2 =$$

$$\begin{array}{r} 64.4 \\ \times 3 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{3}{10} =$$

$$93\% \text{ of } 25 =$$

$$\begin{array}{r} 37.5 \\ \times 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} 80.89 \\ + 53.31 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{3}{5} =$$

$$81\% \text{ of } 75 =$$

$$\begin{array}{r} 845 \\ \times 43 \\ \hline \end{array}$$

$$70\% \text{ of } 17 =$$

$$\begin{array}{r} 85.1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9.01 \\ + 4.56 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .7 =$$

$$4 \overline{)48}$$

$$8 \overline{)62.4}$$

$$\frac{1}{2} * \frac{5}{7} =$$

$$\begin{array}{r} 96 \\ \times 90 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{3}{5} =$$

$$\begin{array}{r} 91 \\ \times 16 \\ \hline \end{array}$$

$$\frac{5}{9} + \frac{2}{9} =$$

$$3 \overline{)21.9}$$

$$12 \overline{)76.8}$$

$$\begin{array}{r} 797 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 80.3 \\ - 6.47 \\ \hline \end{array}$$

$$\begin{array}{r} 81.1 \\ \times 5.4 \\ \hline \end{array}$$

$$\frac{5}{7} - \frac{1}{7} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #4 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\frac{9}{10} \div \frac{3}{4} = 1\frac{1}{5}$$

(3)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

25% of 21

$$= 5.25$$

(4)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\frac{2}{5} + \frac{8}{5} = 2$$

(1) 14 (14)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 93.43 \\ + 38.36 \\ \hline 131.79 \end{array}$$

(6)

$$\begin{array}{r} 52.24 \\ - 5.98 \\ \hline 46.26 \end{array}$$

(5)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 76.8 \\ \times 5.4 \\ \hline 414.72 \end{array}$$

(6) 21 (35)

$$\frac{8}{9} \times \frac{7}{8} = \frac{7}{9}$$

(2)

$$2.4 \overline{)16.625}$$

(6)

$$14 \overline{)7.6}$$

(3)

$$\begin{array}{r} 33.1 \\ \times 4 \\ \hline 132.4 \end{array}$$

(5)

$$\begin{array}{r} 93.3 \\ \times 6.5 \\ \hline 606.45 \end{array}$$

(6) 22 (57)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

$$\frac{1}{8} \div \frac{8}{9} = \frac{9}{64}$$

(3)

$$\begin{array}{r} 40.73 \\ - 8.96 \\ \hline 31.77 \end{array}$$

(5)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2) 15 (72)

$$55 \overline{)15 \text{ r } 35}$$

(4)

$$19 \overline{)32 \text{ r } 2}$$

(3)

$$1.2 \overline{)37.75}$$

(5)

$$\begin{array}{r} 72.65 \\ + 48.79 \\ \hline 121.44 \end{array}$$

(6)

$$\begin{array}{r} 73.54 \\ + 10.46 \\ \hline 84 \end{array}$$

(2) 20 (92)

$$\begin{array}{r} 75.8 \\ \times 8 \\ \hline 606.4 \end{array}$$

(5)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 71.1 \\ \times 2.2 \\ \hline 156.42 \end{array}$$

(6)

75% of 70

$$= 52.5$$

(4)

$$\frac{5}{6} + \frac{5}{6} = 1\frac{2}{3}$$

(3) 20 (112)

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #4 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 22.192 \\ 2.6 \overline{) 57.7} \\ \hline \end{array}$ <p>(6)</p>	Convert to Fraction $.2 = \frac{1}{5}$ <p>(2)</p>	Convert to Fraction $.3 = \frac{3}{10}$ <p>(3)</p>	$\begin{array}{r} 14.889 \\ 5.4 \overline{) 80.4} \\ \hline \end{array}$ <p>(6)</p>	Convert to Fraction $.75 = \frac{3}{4}$ <p>(2)</p>	19 (131)
$\begin{array}{r} 34.2 \\ \times 9 \\ \hline 307.8 \end{array}$ <p>(5)</p>	Convert to Decimal $\frac{7}{10} = .7$ <p>(2)</p>	75% of 17 $= 12.75$ <p>(5)</p>	$\begin{array}{r} 47.7 \\ \times 7.2 \\ \hline 343.44 \end{array}$ <p>(6)</p>	$\begin{array}{r} 69.05 \\ + 21.96 \\ \hline 91.01 \end{array}$ <p>(5)</p>	23 (154)
Convert to Decimal $\frac{4}{5} = .8$ <p>(2)</p>	75% of 47 $= 35.25$ <p>(5)</p>	$\begin{array}{r} 410 \\ \times 15 \\ \hline 6150 \end{array}$ <p>(4)</p>	67% of 25 $= 16.75$ <p>(5)</p>	$\begin{array}{r} 26.2 \\ \times 9 \\ \hline 235.8 \end{array}$ <p>(5)</p>	21 (175)
$\begin{array}{r} 86.69 \\ + 44.8 \\ \hline 131.49 \end{array}$ <p>(6)</p>	Convert to Fraction $.9 = \frac{9}{10}$ <p>(3)</p>	$\begin{array}{r} 10 \\ 4 \overline{) 40} \\ \hline \end{array}$ <p>(2)</p>	$\begin{array}{r} 2.7 \\ 7 \overline{) 18.9} \\ \hline \end{array}$ <p>(3)</p>	$\frac{2}{3} * \frac{2}{7} = \frac{4}{21}$ <p>(3)</p>	17 (192)
$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$ <p>(2)</p>	$\frac{7}{8} + \frac{3}{4} = 1\frac{5}{8}$ <p>(3)</p>	$\begin{array}{r} 30 \\ \times 9 \\ \hline 270 \end{array}$ <p>(3)</p>	$\frac{5}{8} + \frac{1}{4} = \frac{7}{8}$ <p>(2)</p>	$\begin{array}{r} 1.9 \\ 17 \overline{) 32.3} \\ \hline \end{array}$ <p>(3)</p>	13 (205)
$\begin{array}{r} 3.8 \\ 6 \overline{) 22.8} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 336 \\ \times 6 \\ \hline 2016 \end{array}$ <p>(4)</p>	$\begin{array}{r} 95.53 \\ - 4.44 \\ \hline 91.09 \end{array}$ <p>(5)</p>	$\begin{array}{r} 5.2 \\ \times 4.2 \\ \hline 21.84 \end{array}$ <p>(5)</p>	$1 - \frac{1}{4} = \frac{3}{4}$ <p>(2)</p>	19 (224)

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #4 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{9}{10} \div \frac{3}{4} =$$

Convert to Decimal

$$\frac{1}{8} =$$

$$25\% \text{ of } 21 =$$

Convert to Fraction

$$.5 =$$

$$\frac{2}{5} + \frac{8}{5} =$$

Convert to Fraction

$$.8 =$$

$$\begin{array}{r} 93.43 \\ + 38.36 \\ \hline \end{array}$$

$$\begin{array}{r} 52.24 \\ - 5.98 \\ \hline \end{array}$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 76.8 \\ \times 5.4 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{7}{8} =$$

$$2.4 \overline{)39.9}$$

$$14 \overline{)106.4}$$

$$\begin{array}{r} 33.1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 93.3 \\ \times 6.5 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{2}{5} =$$

$$\frac{1}{8} \div \frac{8}{9} =$$

$$\begin{array}{r} 40.73 \\ - 8.96 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction

$$.6 =$$

$$55 \overline{)860}$$

$$19 \overline{)610}$$

$$1.2 \overline{)45.3}$$

$$\begin{array}{r} 72.65 \\ + 48.79 \\ \hline \end{array}$$

$$\begin{array}{r} 73.54 \\ + 10.46 \\ \hline \end{array}$$

$$\begin{array}{r} 75.8 \\ \times 8 \\ \hline \end{array}$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 71.1 \\ \times 2.2 \\ \hline \end{array}$$

$$75\% \text{ of } 70 =$$

$$\frac{5}{6} + \frac{5}{6} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #4 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$2.6 \overline{)57.7}$$

$$\text{Convert to Fraction}$$
$$.2 =$$

$$\text{Convert to Fraction}$$
$$.3 =$$

$$5.4 \overline{)80.4}$$

$$\text{Convert to Fraction}$$
$$.75 =$$

$$\begin{array}{r} 34.2 \\ \times 9 \\ \hline \end{array}$$

$$\text{Convert to Decimal}$$
$$\frac{7}{10} =$$

$$75\% \text{ of } 17 =$$

$$\begin{array}{r} 47.7 \\ \times 7.2 \\ \hline \end{array}$$

$$\begin{array}{r} 69.05 \\ + 21.96 \\ \hline \end{array}$$

$$\text{Convert to Decimal}$$
$$\frac{4}{5} =$$

$$75\% \text{ of } 47 =$$

$$\begin{array}{r} 410 \\ \times 15 \\ \hline \end{array}$$

$$67\% \text{ of } 25 =$$

$$\begin{array}{r} 26.2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 86.69 \\ + 44.8 \\ \hline \end{array}$$

$$\text{Convert to Fraction}$$
$$.9 =$$

$$4 \overline{)40}$$

$$7 \overline{)18.9}$$

$$\frac{2}{3} \times \frac{2}{7} =$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{3}{4} =$$

$$\begin{array}{r} 30 \\ \times 9 \\ \hline \end{array}$$

$$\frac{5}{8} + \frac{1}{4} =$$

$$17 \overline{)32.3}$$

$$6 \overline{)22.8}$$

$$\begin{array}{r} 336 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 95.53 \\ - 4.44 \\ \hline \end{array}$$

$$\begin{array}{r} 5.2 \\ \times 4.2 \\ \hline \end{array}$$

$$1 - \frac{1}{4} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #5 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{4}{7} \div \frac{8}{9} = \frac{9}{14}$ (3)	Convert to Decimal $\frac{1}{4} = .25$ (3)	75% of 25 $= 18.75$ (5)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\frac{3}{4} + \frac{7}{8} = 1\frac{5}{8}$ (3)	16 (16)
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Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 33.45 \\ + 4 \\ \hline 37.45 \end{array}$ (5)	$\begin{array}{r} 75.08 \\ - 3.41 \\ \hline 71.67 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 97.5 \\ \times 8.9 \\ \hline 867.75 \end{array}$ (6)	20 (36)
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$\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$ (3)	$5.9 \overline{) 30.7}$ (5)	$6 \overline{) 25.8}$ (3)	$\begin{array}{r} 32.7 \\ \times 8 \\ \hline 261.6 \end{array}$ (5)	$\begin{array}{r} 33.5 \\ \times 4.4 \\ \hline 147.4 \end{array}$ (5)	21 (57)
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Convert to Decimal $\frac{1}{2} = .5$ (2)	$\frac{1}{2} \div \frac{1}{6} = 3$ (1)	$\begin{array}{r} 88.2 \\ - 6.9 \\ \hline 81.3 \end{array}$ (4)	Convert to Decimal $\frac{7}{10} = .7$ (2)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	11 (68)
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$11 \overline{) 110}$ (2)	$50 \overline{) 343}$ (3)	$6.1 \overline{) 53.9}$ (5)	$\begin{array}{r} 75.51 \\ + 59.1 \\ \hline 134.61 \end{array}$ (6)	$\begin{array}{r} 99.66 \\ + 75.46 \\ \hline 175.12 \end{array}$ (6)	22 (90)
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$\begin{array}{r} 7.4 \\ \times 7 \\ \hline 51.8 \end{array}$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 52.5 \\ \times 1.9 \\ \hline 99.75 \end{array}$ (5)	75% of 28 $= 21$ (2)	$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$ (2)	15 (105)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #5 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.0 \overline{) 6.767} \\ \underline{6.0} \\ .767 \\ \underline{6.0} \\ 167 \\ \underline{150} \\ 170 \end{array}$ <p>(5)</p>	Convert to Fraction $.7 = \frac{7}{10}$ <p>(3)</p>	Convert to Fraction $.3 = \frac{3}{10}$ <p>(3)</p>	$\begin{array}{r} 8.9 \overline{) 10.36} \\ \underline{8.9} \\ 146 \\ \underline{140} \\ 66 \end{array}$ <p>(5)</p>	Convert to Fraction $.75 = \frac{3}{4}$ <p>(2)</p>	18 (123)
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$\begin{array}{r} 56.5 \\ \times 7 \\ \hline 395.5 \end{array}$ <p>(5)</p>	Convert to Decimal $\frac{3}{8} = .375$ <p>(4)</p>	25% of 14 $= 3.5$ <p>(3)</p>	$\begin{array}{r} 9 \\ \times 5.5 \\ \hline 49.5 \end{array}$ <p>(4)</p>	$\begin{array}{r} 66.28 \\ + 64.48 \\ \hline 130.76 \end{array}$ <p>(6)</p>	22 (145)
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Convert to Decimal $\frac{3}{4} = .75$ <p>(3)</p>	70% of 15 $= 10.5$ <p>(4)</p>	$\begin{array}{r} 959 \\ \times 81 \\ \hline 77679 \end{array}$ <p>(5)</p>	75% of 50 $= 37.5$ <p>(4)</p>	$\begin{array}{r} 31 \\ \times 6 \\ \hline 186 \end{array}$ <p>(3)</p>	19 (164)
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$\begin{array}{r} 40.59 \\ + 7.35 \\ \hline 47.94 \end{array}$ <p>(5)</p>	Convert to Fraction $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 12 \overline{) 48} \\ \underline{48} \\ 0 \end{array}$ <p>(1)</p>	$\begin{array}{r} 11 \overline{) 61.6} \\ \underline{66} \\ 56 \\ \underline{55} \\ 16 \\ \underline{15} \\ 16 \end{array}$ <p>(3)</p>	$\frac{2}{3} \times \frac{1}{4} = \frac{1}{6}$ <p>(2)</p>	13 (177)
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$\begin{array}{r} 293 \\ \times 99 \\ \hline 29007 \end{array}$ <p>(5)</p>	$\frac{1}{4} + \frac{7}{8} = 1\frac{1}{8}$ <p>(3)</p>	$\begin{array}{r} 405 \\ \times 83 \\ \hline 33615 \end{array}$ <p>(5)</p>	$\frac{1}{2} + \frac{3}{2} = 2$ <p>(1)</p>	$\begin{array}{r} 9 \overline{) 26.1} \\ \underline{27} \\ 11 \\ \underline{18} \\ 31 \\ \underline{27} \\ 41 \\ \underline{36} \\ 51 \\ \underline{45} \\ 61 \end{array}$ <p>(3)</p>	17 (194)
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$\begin{array}{r} 13 \overline{) 3.9} \\ \underline{3.9} \\ 0 \end{array}$ <p>(3)</p>	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$ <p>(2)</p>	$\begin{array}{r} 27.98 \\ - 3.67 \\ \hline 24.31 \end{array}$ <p>(5)</p>	$\begin{array}{r} 60.4 \\ \times 6.3 \\ \hline 380.52 \end{array}$ <p>(6)</p>	$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$ <p>(2)</p>	18 (212)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #5 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{4}{7} \div \frac{8}{9} =$$

Convert to Decimal

$$\frac{1}{4} =$$

$$75\% \text{ of } 25 =$$

Convert to Fraction

$$.6 =$$

$$\frac{3}{4} + \frac{7}{8} =$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 33.45 \\ + 4 \\ \hline \end{array}$$

$$\begin{array}{r} 75.08 \\ - 3.41 \\ \hline \end{array}$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 97.5 \\ \times 8.9 \\ \hline \end{array}$$

$$\frac{1}{2} * \frac{3}{5} =$$

$$5.9 \overline{)30.7}$$

$$6 \overline{)25.8}$$

$$\begin{array}{r} 32.7 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 33.5 \\ \times 4.4 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{2} =$$

$$\frac{1}{2} \div \frac{1}{6} =$$

$$\begin{array}{r} 88.2 \\ - 6.9 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{7}{10} =$$

Convert to Fraction

$$.4 =$$

$$11 \overline{)110}$$

$$50 \overline{)343}$$

$$6.1 \overline{)53.9}$$

$$\begin{array}{r} 75.51 \\ + 59.1 \\ \hline \end{array}$$

$$\begin{array}{r} 99.66 \\ + 75.46 \\ \hline \end{array}$$

$$\begin{array}{r} 7.4 \\ \times 7 \\ \hline \end{array}$$

Convert to Fraction

$$.5 =$$

$$\begin{array}{r} 52.5 \\ \times 1.9 \\ \hline \end{array}$$

$$75\% \text{ of } 28 =$$

$$\frac{5}{9} + \frac{2}{9} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #5 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$6.0 \overline{)40.6}$$

$$\text{Convert to Fraction} \\ .7 =$$

$$\text{Convert to Fraction} \\ .3 =$$

$$8.9 \overline{)92.2}$$

$$\text{Convert to Fraction} \\ .75 =$$

$$\begin{array}{r} 56.5 \\ \times 7 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{3}{8} =$$

$$25\% \text{ of } 14 =$$

$$\begin{array}{r} 9 \\ \times 5.5 \\ \hline \end{array}$$

$$\begin{array}{r} 66.28 \\ + 64.48 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{3}{4} =$$

$$70\% \text{ of } 15 =$$

$$\begin{array}{r} 959 \\ \times 81 \\ \hline \end{array}$$

$$75\% \text{ of } 50 =$$

$$\begin{array}{r} 31 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 40.59 \\ + 7.35 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .8 =$$

$$12 \overline{)48}$$

$$11 \overline{)61.6}$$

$$\frac{2}{3} * \frac{1}{4} =$$

$$\begin{array}{r} 293 \\ \times 99 \\ \hline \end{array}$$

$$\frac{1}{4} + \frac{7}{8} =$$

$$\begin{array}{r} 405 \\ \times 83 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{3}{2} =$$

$$9 \overline{)26.1}$$

$$13 \overline{)50.7}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 27.98 \\ - 3.67 \\ \hline \end{array}$$

$$\begin{array}{r} 60.4 \\ \times 6.3 \\ \hline \end{array}$$

$$\frac{5}{7} - \frac{2}{7} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #6 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{2}{3} \div \frac{6}{7} = \frac{7}{9}$ (2)	Convert to Decimal $\frac{9}{10} = .9$ (2)	77% of 25 $= 19.25$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{3}{8} + \frac{1}{2} = \frac{7}{8}$ (2)	13 (13)
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Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 86.29 \\ + 59.69 \\ \hline 145.98 \end{array}$ (6)	$\begin{array}{r} 97.13 \\ - 8.17 \\ \hline 88.96 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 81.5 \\ \times 5.8 \\ \hline 472.7 \end{array}$ (5)	20 (33)
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$\frac{3}{8} \times \frac{4}{5} = \frac{3}{10}$ (3)	$7.7 \overline{) 52.1}$ (5)	$6 \overline{) 54.6}$ (3)	$\begin{array}{r} 92.4 \\ \times 9 \\ \hline 831.6 \end{array}$ (5)	$\begin{array}{r} 52.1 \\ \times 8.7 \\ \hline 453.27 \end{array}$ (6)	22 (55)
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Convert to Decimal $\frac{4}{5} = .8$ (2)	$\frac{1}{3} \div \frac{5}{8} = \frac{8}{15}$ (3)	$\begin{array}{r} 38.77 \\ - 7.25 \\ \hline 31.52 \end{array}$ (5)	Convert to Decimal $\frac{3}{5} = .6$ (2)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	14 (69)
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$12 \overline{) 60}$ (1)	$82 \overline{) 520}$ (3)	$4.2 \overline{) 22.6}$ (5)	$\begin{array}{r} 69.64 \\ + 45.58 \\ \hline 115.22 \end{array}$ (6)	$\begin{array}{r} 97.2 \\ + 10.88 \\ \hline 108.08 \end{array}$ (6)	21 (90)
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$\begin{array}{r} 67.2 \\ \times 9 \\ \hline 604.8 \end{array}$ (5)	Convert to Fraction .7 = $\frac{7}{10}$ (3)	$\begin{array}{r} 68.9 \\ \times 9.4 \\ \hline 647.66 \end{array}$ (6)	25% of 20 $= 5$ (1)	$\frac{5}{9} + \frac{5}{9} = 1\frac{1}{9}$ (3)	18 (108)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #6 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 8.823 \\ 9.6 \overline{)84.7} \end{array}$ (5)	Convert to Fraction $.4 = \frac{2}{5}$ (2)	Convert to Fraction $.9 = \frac{9}{10}$ (3)	$\begin{array}{r} 9.235 \\ 3.4 \overline{)31.4} \end{array}$ (5)	Convert to Fraction $.1 = \frac{1}{10}$ (3)	18 (126)
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$\begin{array}{r} 38 \\ \times 6 \\ \hline 228 \end{array}$ (3)	Convert to Decimal $\frac{3}{4} = .75$ (3)	90% of 53 $= 47.7$ (4)	$\begin{array}{r} 46.2 \\ \times 6.2 \\ \hline 286.44 \end{array}$ (6)	$\begin{array}{r} 76.57 \\ + 26.55 \\ \hline 103.12 \end{array}$ (6)	22 (148)
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Convert to Decimal $\frac{7}{10} = .7$ (2)	74% of 50 $= 37$ (2)	$\begin{array}{r} 318 \\ \times 12 \\ \hline 3816 \end{array}$ (4)	30% of 29 $= 8.7$ (3)	$\begin{array}{r} 88.1 \\ \times 2 \\ \hline 176.2 \end{array}$ (5)	16 (164)
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$\begin{array}{r} 95.6 \\ + 29.29 \\ \hline 124.89 \end{array}$ (6)	Convert to Fraction $.2 = \frac{1}{5}$ (2)	$\begin{array}{r} 8 \text{ r } 2 \\ 46 \overline{)370} \end{array}$ (2)	$\begin{array}{r} 9.3 \\ 6 \overline{)55.8} \end{array}$ (3)	$\frac{3}{4} \times \frac{3}{8} = \frac{9}{32}$ (3)	16 (180)
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$\begin{array}{r} 596 \\ \times 6 \\ \hline 3576 \end{array}$ (4)	$\frac{1}{2} + \frac{1}{8} = \frac{5}{8}$ (2)	$\begin{array}{r} 816 \\ \times 16 \\ \hline 13056 \end{array}$ (5)	$\frac{8}{9} + \frac{2}{9} = 1\frac{1}{9}$ (3)	$\begin{array}{r} 4.1 \\ 4 \overline{)16.4} \end{array}$ (3)	17 (197)
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$\begin{array}{r} 2.8 \\ 3 \overline{)8.4} \end{array}$ (3)	$\begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array}$ (3)	$\begin{array}{r} 12.26 \\ - 4.02 \\ \hline 8.24 \end{array}$ (4)	$\begin{array}{r} 9.7 \\ \times 7.6 \\ \hline 73.72 \end{array}$ (5)	$\frac{7}{2} - \frac{1}{2} = 3$ (1)	16 (213)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #6 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{2}{3} \div \frac{6}{7} =$$

$$\frac{9}{10} =$$

$$77\% \text{ of } 25 =$$

$$.5 \text{ Convert to Fraction} =$$

$$\frac{3}{8} + \frac{1}{2} =$$

$$.6 \text{ Convert to Fraction} =$$

$$\begin{array}{r} 86.29 \\ + 59.69 \\ \hline \end{array}$$

$$\begin{array}{r} 97.13 \\ - 8.17 \\ \hline \end{array}$$

$$.25 \text{ Convert to Fraction} =$$

$$\begin{array}{r} 81.5 \\ \times 5.8 \\ \hline \end{array}$$

$$\frac{3}{8} * \frac{4}{5} =$$

$$7.7 \overline{)52.1}$$

$$6 \overline{)54.6}$$

$$\begin{array}{r} 92.4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 52.1 \\ \times 8.7 \\ \hline \end{array}$$

$$\frac{4}{5} \text{ Convert to Decimal} =$$

$$\frac{1}{3} \div \frac{5}{8} =$$

$$\begin{array}{r} 38.77 \\ - 7.25 \\ \hline \end{array}$$

$$\frac{3}{5} \text{ Convert to Decimal} =$$

$$.75 \text{ Convert to Fraction} =$$

$$12 \overline{)60}$$

$$82 \overline{)520}$$

$$4.2 \overline{)22.6}$$

$$\begin{array}{r} 69.64 \\ + 45.58 \\ \hline \end{array}$$

$$\begin{array}{r} 97.2 \\ + 10.88 \\ \hline \end{array}$$

$$\begin{array}{r} 67.2 \\ \times 9 \\ \hline \end{array}$$

$$.7 \text{ Convert to Fraction} =$$

$$\begin{array}{r} 68.9 \\ \times 9.4 \\ \hline \end{array}$$

$$25\% \text{ of } 20 =$$

$$\frac{5}{9} + \frac{5}{9} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #6 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$9.6 \overline{)84.7}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .4 = \end{array}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .9 = \end{array}$$

$$3.4 \overline{)31.4}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .1 = \end{array}$$

$$\begin{array}{r} 38 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{l} \text{Convert to Decimal} \\ \frac{3}{4} = \end{array}$$

$$\begin{array}{l} 90\% \text{ of } 53 \\ = \end{array}$$

$$\begin{array}{r} 46.2 \\ \times 6.2 \\ \hline \end{array}$$

$$\begin{array}{r} 76.57 \\ + 26.55 \\ \hline \end{array}$$

$$\begin{array}{l} \text{Convert to Decimal} \\ \frac{7}{10} = \end{array}$$

$$\begin{array}{l} 74\% \text{ of } 50 \\ = \end{array}$$

$$\begin{array}{r} 318 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{l} 30\% \text{ of } 29 \\ = \end{array}$$

$$\begin{array}{r} 88.1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 95.6 \\ + 29.29 \\ \hline \end{array}$$

$$\begin{array}{l} \text{Convert to Fraction} \\ .2 = \end{array}$$

$$46 \overline{)370}$$

$$6 \overline{)55.8}$$

$$\frac{3}{4} \times \frac{3}{8} =$$

$$\begin{array}{r} 596 \\ \times 6 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{1}{8} =$$

$$\begin{array}{r} 816 \\ \times 16 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{2}{9} =$$

$$4 \overline{)16.4}$$

$$3 \overline{)8.4}$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12.26 \\ - 4.02 \\ \hline \end{array}$$

$$\begin{array}{r} 9.7 \\ \times 7.6 \\ \hline \end{array}$$

$$\frac{7}{2} - \frac{1}{2} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #7 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{5}{7} \div \frac{3}{4} = \frac{20}{21}$ (4)	Convert to Decimal $\frac{3}{5} = .6$ (2)	75% of 69 $= 51.75$ (5)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\frac{1}{2} + \frac{9}{8} = 1\frac{5}{8}$ (3)	16 (16)
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Convert to Fraction .9 = $\frac{9}{10}$ (3)	$\begin{array}{r} 92.34 \\ + 21.23 \\ \hline 113.57 \end{array}$ (6)	$\begin{array}{r} 37.59 \\ - 6.98 \\ \hline 30.61 \end{array}$ (5)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 17.2 \\ \times 2.6 \\ \hline 44.72 \end{array}$ (5)	21 (37)
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$\frac{7}{9} \times \frac{1}{4} = \frac{7}{36}$ (3)	$1.6 \overline{) 17.3}$ (6)	$20 \overline{) 196.0}$ (3)	$\begin{array}{r} 7.5 \\ \times 7 \\ \hline 52.5 \end{array}$ (4)	$\begin{array}{r} 4.9 \\ \times 2.4 \\ \hline 11.76 \end{array}$ (5)	21 (58)
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Convert to Decimal $\frac{1}{8} = .125$ (4)	$\frac{1}{2} \div \frac{6}{7} = \frac{7}{12}$ (3)	$\begin{array}{r} 99.64 \\ - 8.64 \\ \hline 91 \end{array}$ (2)	Convert to Decimal $\frac{4}{5} = .8$ (2)	Convert to Fraction .3 = $\frac{3}{10}$ (3)	14 (72)
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$67 \overline{) 527}$ (3)	$55 \overline{) 768}$ (4)	$2.5 \overline{) 34.4}$ (5)	$\begin{array}{r} 63.45 \\ + 30.81 \\ \hline 94.26 \end{array}$ (5)	$\begin{array}{r} 48.41 \\ + 24.37 \\ \hline 72.78 \end{array}$ (5)	22 (94)
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$\begin{array}{r} 7 \\ \times 4.7 \\ \hline 32.9 \end{array}$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 64.2 \\ \times 6 \\ \hline 385.2 \end{array}$ (5)	26% of 25 $= 6.5$ (3)	$\frac{2}{5} + \frac{8}{5} = 2$ (1)	15 (109)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #7 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 8.772 \\ 5.7 \overline{)50.0} \\ \hline \end{array}$ <p>(5)</p>	Convert to Fraction $.5 = \frac{1}{2}$ <p>(2)</p>	Convert to Fraction $.7 = \frac{7}{10}$ <p>(3)</p>	$\begin{array}{r} 3.479 \\ 9.4 \overline{)32.7} \\ \hline \end{array}$ <p>(5)</p>	Convert to Fraction $.25 = \frac{1}{4}$ <p>(2)</p>	17 (126)
---	--	---	---	---	----------

$\begin{array}{r} 90.8 \\ \times 6 \\ \hline 544.8 \end{array}$ <p>(5)</p>	Convert to Decimal $\frac{3}{8} = .375$ <p>(4)</p>	86% of 40 $= 34.4$ <p>(4)</p>	$\begin{array}{r} 95.1 \\ \times 8.9 \\ \hline 846.39 \end{array}$ <p>(6)</p>	$\begin{array}{r} 62.77 \\ + 45.88 \\ \hline 108.65 \end{array}$ <p>(6)</p>	25 (151)
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Convert to Decimal $\frac{5}{8} = .625$ <p>(4)</p>	87% of 75 $= 65.25$ <p>(5)</p>	$\begin{array}{r} 263 \\ \times 99 \\ \hline 26037 \end{array}$ <p>(5)</p>	75% of 56 $= 42$ <p>(2)</p>	$\begin{array}{r} 79.8 \\ \times 8 \\ \hline 638.4 \end{array}$ <p>(5)</p>	21 (172)
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$\begin{array}{r} 91.76 \\ + 11.56 \\ \hline 103.32 \end{array}$ <p>(6)</p>	Convert to Fraction $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 7 \text{ r } 31 \\ 99 \overline{)724} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 3.5 \\ 19 \overline{)66.5} \\ \hline \end{array}$ <p>(3)</p>	$\frac{7}{8} \times \frac{3}{7} = \frac{3}{8}$ <p>(2)</p>	16 (188)
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$\begin{array}{r} 178 \\ \times 89 \\ \hline 15842 \end{array}$ <p>(5)</p>	$\frac{7}{8} + \frac{3}{4} = 1\frac{5}{8}$ <p>(3)</p>	$\begin{array}{r} 88 \\ \times 66 \\ \hline 5808 \end{array}$ <p>(4)</p>	$\frac{3}{7} + \frac{1}{7} = \frac{4}{7}$ <p>(2)</p>	$\begin{array}{r} 2 \\ 18 \overline{)36.0} \\ \hline \end{array}$ <p>(1)</p>	15 (203)
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$\begin{array}{r} 3.5 \\ 7 \overline{)24.5} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 403 \\ \times 44 \\ \hline 17732 \end{array}$ <p>(5)</p>	$\begin{array}{r} 25.34 \\ - 3.54 \\ \hline 21.8 \end{array}$ <p>(4)</p>	$\begin{array}{r} 27.6 \\ \times 5.9 \\ \hline 162.84 \end{array}$ <p>(6)</p>	$\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$ <p>(2)</p>	20 (223)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #7 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{5}{7} \div \frac{3}{4} =$$

Convert to Decimal

$$\frac{3}{5} =$$

$$75\% \text{ of } 69 =$$

Convert to Fraction

$$.4 =$$

$$\frac{1}{2} + \frac{9}{8} =$$

Convert to Fraction

$$.9 =$$

$$\begin{array}{r} 92.34 \\ + 21.23 \\ \hline \end{array}$$

$$\begin{array}{r} 37.59 \\ - 6.98 \\ \hline \end{array}$$

Convert to Fraction

$$.75 =$$

$$\begin{array}{r} 17.2 \\ \times 2.6 \\ \hline \end{array}$$

$$\frac{7}{9} * \frac{1}{4} =$$

$$1.6 \overline{)17.3}$$

$$20 \overline{)196.0}$$

$$\begin{array}{r} 7.5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4.9 \\ \times 2.4 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{8} =$$

$$\frac{1}{2} \div \frac{6}{7} =$$

$$\begin{array}{r} 99.64 \\ - 8.64 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{4}{5} =$$

Convert to Fraction

$$.3 =$$

$$67 \overline{)527}$$

$$55 \overline{)768}$$

$$2.5 \overline{)34.4}$$

$$\begin{array}{r} 63.45 \\ + 30.81 \\ \hline \end{array}$$

$$\begin{array}{r} 48.41 \\ + 24.37 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 4.7 \\ \hline \end{array}$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 64.2 \\ \times 6 \\ \hline \end{array}$$

$$26\% \text{ of } 25 =$$

$$\frac{2}{5} + \frac{8}{5} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #7 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$5.7 \overline{)50.0}$$

$$\text{Convert to Fraction} \\ .5 =$$

$$\text{Convert to Fraction} \\ .7 =$$

$$9.4 \overline{)32.7}$$

$$\text{Convert to Fraction} \\ .25 =$$

$$\begin{array}{r} 90.8 \\ \times 6 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{3}{8} =$$

$$86\% \text{ of } 40 =$$

$$\begin{array}{r} 95.1 \\ \times 8.9 \\ \hline \end{array}$$

$$\begin{array}{r} 62.77 \\ + 45.88 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{5}{8} =$$

$$87\% \text{ of } 75 =$$

$$\begin{array}{r} 263 \\ \times 99 \\ \hline \end{array}$$

$$75\% \text{ of } 56 =$$

$$\begin{array}{r} 79.8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 91.76 \\ + 11.56 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .8 =$$

$$99 \overline{)724}$$

$$19 \overline{)66.5}$$

$$\frac{7}{8} \times \frac{3}{7} =$$

$$\begin{array}{r} 178 \\ \times 89 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{3}{4} =$$

$$\begin{array}{r} 88 \\ \times 66 \\ \hline \end{array}$$

$$\frac{3}{7} + \frac{1}{7} =$$

$$18 \overline{)36.0}$$

$$7 \overline{)24.5}$$

$$\begin{array}{r} 403 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 25.34 \\ - 3.54 \\ \hline \end{array}$$

$$\begin{array}{r} 27.6 \\ \times 5.9 \\ \hline \end{array}$$

$$\frac{2}{3} - \frac{1}{2} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #8 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\frac{8}{9} \div \frac{2}{3} = 1\frac{1}{3}$$

(3)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

82% of 25

$$= 20.5$$

(4)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\frac{3}{4} + \frac{5}{4} = 2$$

(1) 12 (12)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

$$\begin{array}{r} 98.18 \\ + 3.95 \\ \hline 102.13 \end{array}$$

(6)

$$\begin{array}{r} 77.4 \\ - 5.64 \\ \hline 71.76 \end{array}$$

(5)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

$$\begin{array}{r} 44.4 \\ \times 4.4 \\ \hline 195.36 \end{array}$$

(6) 21 (33)

$$\frac{3}{4} \times \frac{1}{3} = \frac{1}{4}$$

(2)

$$7.5 \overline{) 62.8} \quad \begin{array}{r} 8.373 \end{array}$$

(5)

$$4 \overline{) 28.0} \quad \begin{array}{r} 7 \end{array}$$

(1)

$$\begin{array}{r} 22.2 \\ \times 7 \\ \hline 155.4 \end{array}$$

(5)

$$\begin{array}{r} 55 \\ \times 4 \\ \hline 220 \end{array}$$

(3) 16 (49)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

$$\frac{1}{2} \div \frac{1}{4} = 2$$

(1)

$$\begin{array}{r} 26.74 \\ - 7.97 \\ \hline 18.77 \end{array}$$

(5)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2) 15 (64)

$$23 \overline{) 288} \quad \begin{array}{r} 12 \text{ r } 12 \end{array}$$

(4)

$$6 \overline{) 72} \quad \begin{array}{r} 12 \end{array}$$

(2)

$$6.9 \overline{) 97.4} \quad \begin{array}{r} 14.116 \end{array}$$

(6)

$$\begin{array}{r} 84.95 \\ + 35.11 \\ \hline 120.06 \end{array}$$

(6)

$$\begin{array}{r} 74.3 \\ + 67.25 \\ \hline 141.55 \end{array}$$

(6) 24 (88)

$$\begin{array}{r} 13.2 \\ \times 2 \\ \hline 26.4 \end{array}$$

(4)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\begin{array}{r} 30.7 \\ \times 2.3 \\ \hline 70.61 \end{array}$$

(5)

94% of 25

$$= 23.5$$

(4)

$$\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$$

(3) 19 (107)

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #8 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.512 \\ 8.6 \overline{)56.0} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	$\begin{array}{r} 7.514 \\ 7.0 \overline{)52.6} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	17 (124)
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$\begin{array}{r} 9 \\ \times 6.3 \\ \hline 56.7 \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p>	<p>25% of 20</p> $= 5$ <p>(1)</p>	$\begin{array}{r} 31.4 \\ \times 8.6 \\ \hline 270.04 \end{array}$ <p>(6)</p>	$\begin{array}{r} 30.78 \\ + 8.44 \\ \hline 39.22 \end{array}$ <p>(5)</p>	18 (142)
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<p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p>	<p>75% of 22</p> $= 16.5$ <p>(4)</p>	$\begin{array}{r} 551 \\ \times 90 \\ \hline 49590 \end{array}$ <p>(5)</p>	<p>25% of 14</p> $= 3.5$ <p>(3)</p>	$\begin{array}{r} 13.7 \\ \times 3 \\ \hline 41.1 \end{array}$ <p>(4)</p>	18 (160)
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$\begin{array}{r} 46.28 \\ + 41.97 \\ \hline 88.25 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 2 \text{ r } 41 \\ 77 \overline{)195} \end{array}$ <p>(3)</p>	$\begin{array}{r} 1.8 \\ 14 \overline{)25.2} \end{array}$ <p>(3)</p>	$\frac{2}{7} \times \frac{7}{8} = \frac{1}{4}$ <p>(2)</p>	15 (175)
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$\begin{array}{r} 790 \\ \times 87 \\ \hline 68730 \end{array}$ <p>(5)</p>	$\frac{1}{4} + \frac{3}{2} = 1\frac{3}{4}$ <p>(3)</p>	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$ <p>(2)</p>	$\frac{1}{2} + \frac{4}{3} = 1\frac{5}{6}$ <p>(3)</p>	$\begin{array}{r} 4.7 \\ 2 \overline{)9.4} \end{array}$ <p>(3)</p>	16 (191)
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$\begin{array}{r} 3.3 \\ 11 \overline{)36.3} \end{array}$ <p>(3)</p>	$\begin{array}{r} 864 \\ \times 51 \\ \hline 44064 \end{array}$ <p>(5)</p>	$\begin{array}{r} 82.77 \\ - 8.95 \\ \hline 73.82 \end{array}$ <p>(5)</p>	$\begin{array}{r} 34.2 \\ \times 3 \\ \hline 102.6 \end{array}$ <p>(5)</p>	$\frac{4}{9} - \frac{1}{9} = \frac{1}{3}$ <p>(2)</p>	20 (211)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #8 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{8}{9} \div \frac{2}{3} =$$

Convert to Decimal

$$\frac{2}{5} =$$

$$82\% \text{ of } 25 =$$

Convert to Fraction

$$.5 =$$

$$\frac{3}{4} + \frac{5}{4} =$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 98.18 \\ + 3.95 \\ \hline \end{array}$$

$$\begin{array}{r} 77.4 \\ - 5.64 \\ \hline \end{array}$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 44.4 \\ \times 4.4 \\ \hline \end{array}$$

$$\frac{3}{4} * \frac{1}{3} =$$

$$7.5 \overline{)62.8}$$

$$4 \overline{)28.0}$$

$$\begin{array}{r} 22.2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{1}{2} \div \frac{1}{4} =$$

$$\begin{array}{r} 26.74 \\ - 7.97 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{8} =$$

Convert to Fraction

$$.2 =$$

$$23 \overline{)288}$$

$$6 \overline{)72}$$

$$6.9 \overline{)97.4}$$

$$\begin{array}{r} 84.95 \\ + 35.11 \\ \hline \end{array}$$

$$\begin{array}{r} 74.3 \\ + 67.25 \\ \hline \end{array}$$

$$\begin{array}{r} 13.2 \\ \times 2 \\ \hline \end{array}$$

Convert to Fraction

$$.1 =$$

$$\begin{array}{r} 30.7 \\ \times 2.3 \\ \hline \end{array}$$

$$94\% \text{ of } 25 =$$

$$\frac{7}{9} + \frac{5}{9} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #8 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$8.6 \overline{)56.0}$$

$$\text{Convert to Fraction} \\ .8 =$$

$$\text{Convert to Fraction} \\ .25 =$$

$$7.0 \overline{)52.6}$$

$$\text{Convert to Fraction} \\ .3 =$$

$$\begin{array}{r} 9 \\ \times 6.3 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{1}{2} =$$

$$25\% \text{ of } 20 =$$

$$\begin{array}{r} 31.4 \\ \times 8.6 \\ \hline \end{array}$$

$$\begin{array}{r} 30.78 \\ + 8.44 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{1}{5} =$$

$$75\% \text{ of } 22 =$$

$$\begin{array}{r} 551 \\ \times 90 \\ \hline \end{array}$$

$$25\% \text{ of } 14 =$$

$$\begin{array}{r} 13.7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 46.28 \\ + 41.97 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .75 =$$

$$77 \overline{)195}$$

$$14 \overline{)25.2}$$

$$\frac{2}{7} \cdot \frac{7}{8} =$$

$$\begin{array}{r} 790 \\ \times 87 \\ \hline \end{array}$$

$$\frac{1}{4} + \frac{3}{2} =$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{4}{3} =$$

$$2 \overline{)9.4}$$

$$11 \overline{)36.3}$$

$$\begin{array}{r} 864 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 82.77 \\ - 8.95 \\ \hline \end{array}$$

$$\begin{array}{r} 34.2 \\ \times 3 \\ \hline \end{array}$$

$$\frac{4}{9} - \frac{1}{9} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #9 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{9}{10} \div \frac{1}{2} = 1\frac{4}{5}$ (3)	Convert to Decimal $\frac{4}{5} = .8$ (2)	99% of 60 $= 59.4$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{1}{3} + \frac{5}{9} = \frac{8}{9}$ (2)	13 (13)
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Convert to Fraction .7 = $\frac{7}{10}$ (3)	$\begin{array}{r} 97.64 \\ + 56.23 \\ \hline 153.87 \end{array}$ (6)	$\begin{array}{r} 78.16 \\ - 9.34 \\ \hline 68.82 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 83 \\ \times 8.7 \\ \hline 722.1 \end{array}$ (5)	21 (34)
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$\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$ (2)	$3.3 \overline{)30.242}$ (6)	$11 \overline{)36.3}$ (3)	$\begin{array}{r} 37.4 \\ \times 3 \\ \hline 112.2 \end{array}$ (5)	$\begin{array}{r} 87.1 \\ \times 3.7 \\ \hline 322.27 \end{array}$ (6)	22 (56)
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Convert to Decimal $\frac{3}{5} = .6$ (2)	$\frac{8}{9} \div \frac{2}{3} = 1\frac{1}{3}$ (3)	$\begin{array}{r} 77.05 \\ - 6.89 \\ \hline 70.16 \end{array}$ (5)	Convert to Decimal $\frac{3}{4} = .75$ (3)	Convert to Fraction .9 = $\frac{9}{10}$ (3)	16 (72)
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$72 \overline{)745} \quad 10 \text{ r } 25$ (4)	$5 \overline{)10} \quad 2$ (1)	$3.7 \overline{)47.1} \quad 12.73$ (5)	$\begin{array}{r} 81.09 \\ + 42.37 \\ \hline 123.46 \end{array}$ (6)	$\begin{array}{r} 40.9 \\ + 24.77 \\ \hline 65.67 \end{array}$ (5)	21 (93)
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$\begin{array}{r} 45.4 \\ \times 3 \\ \hline 136.2 \end{array}$ (5)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 64.9 \\ \times 3.1 \\ \hline 201.19 \end{array}$ (6)	25% of 17 $= 4.25$ (4)	$\frac{5}{6} + \frac{1}{2} = 1\frac{1}{3}$ (3)	20 (113)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #9 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.424 \\ 8.5 \overline{)54.6} \end{array}$ (5)	Convert to Fraction $.8 = \frac{4}{5}$ (2)	Convert to Fraction $.2 = \frac{1}{5}$ (2)	$\begin{array}{r} 22.828 \\ 2.9 \overline{)66.2} \end{array}$ (6)	Convert to Fraction $.4 = \frac{2}{5}$ (2)	17 (130)
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$\begin{array}{r} 57.5 \\ \times 8 \\ \hline 460 \end{array}$ (3)	Convert to Decimal $\frac{1}{5} = .2$ (2)	75% of 53 $= 39.75$ (5)	$\begin{array}{r} 16.7 \\ \times 3.4 \\ \hline 56.78 \end{array}$ (5)	$\begin{array}{r} 98.59 \\ + 55.24 \\ \hline 153.83 \end{array}$ (6)	21 (151)
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Convert to Decimal $\frac{1}{4} = .25$ (3)	61% of 30 $= 18.3$ (4)	$\begin{array}{r} 809 \\ \times 13 \\ \hline 10517 \end{array}$ (5)	63% of 60 $= 37.8$ (4)	$\begin{array}{r} 41.6 \\ \times 6 \\ \hline 249.6 \end{array}$ (5)	21 (172)
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$\begin{array}{r} 90.1 \\ + 51.51 \\ \hline 141.61 \end{array}$ (6)	Convert to Fraction $.1 = \frac{1}{10}$ (3)	$\begin{array}{r} 5 \text{ r } 44 \\ 52 \overline{)304} \end{array}$ (3)	$\begin{array}{r} 5.4 \\ 9 \overline{)48.6} \end{array}$ (3)	$\frac{1}{8} \times \frac{7}{8} = \frac{7}{64}$ (3)	18 (190)
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$\begin{array}{r} 116 \\ \times 36 \\ \hline 4176 \end{array}$ (4)	$\frac{8}{9} + \frac{2}{9} = 1\frac{1}{9}$ (3)	$\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$ (3)	$\frac{7}{8} + \frac{1}{4} = 1\frac{1}{8}$ (3)	$\begin{array}{r} 9 \\ 20 \overline{)180.0} \end{array}$ (1)	14 (204)
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$\begin{array}{r} 2.1 \\ 18 \overline{)37.8} \end{array}$ (3)	$\begin{array}{r} 957 \\ \times 13 \\ \hline 12441 \end{array}$ (5)	$\begin{array}{r} 42.07 \\ - 1.24 \\ \hline 40.83 \end{array}$ (5)	$\begin{array}{r} 56.1 \\ \times 5.2 \\ \hline 291.72 \end{array}$ (6)	$\frac{7}{9} - \frac{1}{9} = \frac{2}{3}$ (2)	21 (225)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #9 - Grade 8

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Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{9}{10} \div \frac{1}{2} =$$

Convert to Decimal

$$\frac{4}{5} =$$

$$99\% \text{ of } 60 =$$

Convert to Fraction

$$.5 =$$

$$\frac{1}{3} + \frac{5}{9} =$$

Convert to Fraction

$$.7 =$$

$$\begin{array}{r} 97.64 \\ + 56.23 \\ \hline \end{array}$$

$$\begin{array}{r} 78.16 \\ - 9.34 \\ \hline \end{array}$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 83 \\ \times 8.7 \\ \hline \end{array}$$

$$\frac{3}{4} * \frac{1}{2} =$$

$$3.3 \overline{)99.8}$$

$$11 \overline{)36.3}$$

$$\begin{array}{r} 37.4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 87.1 \\ \times 3.7 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{8}{9} \div \frac{2}{3} =$$

$$\begin{array}{r} 77.05 \\ - 6.89 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction

$$.9 =$$

$$72 \overline{)745}$$

$$5 \overline{)10}$$

$$3.7 \overline{)47.1}$$

$$\begin{array}{r} 81.09 \\ + 42.37 \\ \hline \end{array}$$

$$\begin{array}{r} 40.9 \\ + 24.77 \\ \hline \end{array}$$

$$\begin{array}{r} 45.4 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 64.9 \\ \times 3.1 \\ \hline \end{array}$$

$$25\% \text{ of } 17 =$$

$$\frac{5}{6} + \frac{1}{2} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #9 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$8.5 \overline{)54.6}$$

$$\text{Convert to Fraction} \\ .8 =$$

$$\text{Convert to Fraction} \\ .2 =$$

$$2.9 \overline{)66.2}$$

$$\text{Convert to Fraction} \\ .4 =$$

$$\begin{array}{r} 57.5 \\ \times 8 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{1}{5} =$$

$$75\% \text{ of } 53 =$$

$$\begin{array}{r} 16.7 \\ \times 3.4 \\ \hline \end{array}$$

$$\begin{array}{r} 98.59 \\ + 55.24 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{1}{4} =$$

$$61\% \text{ of } 30 =$$

$$\begin{array}{r} 809 \\ \times 13 \\ \hline \end{array}$$

$$63\% \text{ of } 60 =$$

$$\begin{array}{r} 41.6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 90.1 \\ + 51.51 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .1 =$$

$$52 \overline{)304}$$

$$9 \overline{)48.6}$$

$$\frac{1}{8} * \frac{7}{8} =$$

$$\begin{array}{r} 116 \\ \times 36 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{2}{9} =$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{1}{4} =$$

$$20 \overline{)180.0}$$

$$18 \overline{)37.8}$$

$$\begin{array}{r} 957 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 42.07 \\ - 1.24 \\ \hline \end{array}$$

$$\begin{array}{r} 56.1 \\ \times 5.2 \\ \hline \end{array}$$

$$\frac{7}{9} - \frac{1}{9} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #10 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\frac{2}{3} \div \frac{3}{5} = 1\frac{1}{9}$$

(3)

Convert to Decimal

$$\frac{3}{5} = .6$$

(2)

64% of 25

$$= 16$$

(2)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$$

(2) 12 (12)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 89.2 \\ + 76.84 \\ \hline 166.04 \end{array}$$

(6)

$$\begin{array}{r} 71.29 \\ - 2.75 \\ \hline 68.54 \end{array}$$

(5)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

$$\begin{array}{r} 86.5 \\ \times 3.3 \\ \hline 285.45 \end{array}$$

(6) 21 (33)

$$\frac{8}{9} \times \frac{1}{2} = \frac{4}{9}$$

(2)

$$3.7 \overline{) 14.919} \quad 55.2$$

(6)

$$5 \overline{) 6.1} \quad 30.5$$

(3)

$$\begin{array}{r} 72.2 \\ \times 6 \\ \hline 433.2 \end{array}$$

(5)

$$\begin{array}{r} 63.1 \\ \times 2.1 \\ \hline 132.51 \end{array}$$

(6) 22 (55)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

$$\frac{2}{7} \div \frac{6}{7} = \frac{1}{3}$$

(2)

$$\begin{array}{r} 42.83 \\ - 6.38 \\ \hline 36.45 \end{array}$$

(5)

Convert to Decimal

$$\frac{1}{10} = .1$$

(2)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2) 13 (68)

$$90 \overline{) 316} \quad 3 \text{ r } 46$$

(3)

$$85 \overline{) 258} \quad 3 \text{ r } 3$$

(2)

$$3.0 \overline{) 8.367} \quad 25.1$$

(5)

$$\begin{array}{r} 89.69 \\ + 67.77 \\ \hline 157.46 \end{array}$$

(6)

$$\begin{array}{r} 41.47 \\ + 40.33 \\ \hline 81.8 \end{array}$$

(4) 20 (88)

$$\begin{array}{r} 48.6 \\ \times 4 \\ \hline 194.4 \end{array}$$

(5)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 43.6 \\ \times 6 \\ \hline 261.6 \end{array}$$

(5)

94% of 25

$$= 23.5$$

(4)

$$\frac{5}{9} + \frac{7}{9} = 1\frac{1}{3}$$

(3) 19 (107)

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #10 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 8.091 \\ 8.8 \overline{)71.2} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 16.098 \\ 4.1 \overline{)66.0} \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	18 (125)
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$\begin{array}{r} 8 \\ x 5.3 \\ \hline 42.4 \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>26% of 10</p> $= 2.6$ <p>(3)</p>	$\begin{array}{r} 73.6 \\ x 6 \\ \hline 441.6 \end{array}$ <p>(5)</p>	$\begin{array}{r} 86.79 \\ + 29.22 \\ \hline 116.01 \end{array}$ <p>(6)</p>	21 (146)
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<p>Convert to Decimal</p> $\frac{1}{8} = .125$ <p>(4)</p>	<p>50% of 45</p> $= 22.5$ <p>(4)</p>	$\begin{array}{r} 589 \\ x 81 \\ \hline 47709 \end{array}$ <p>(5)</p>	<p>72% of 10</p> $= 7.2$ <p>(3)</p>	$\begin{array}{r} 80.3 \\ x 7 \\ \hline 562.1 \end{array}$ <p>(5)</p>	21 (167)
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$\begin{array}{r} 98.7 \\ + 3.54 \\ \hline 102.24 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	$\begin{array}{r} 28 \text{ r } 16 \\ 18 \overline{)520} \end{array}$ <p>(4)</p>	$\begin{array}{r} 6.3 \\ 18 \overline{)113.4} \end{array}$ <p>(3)</p>	$\frac{8}{9} \times \frac{5}{9} = \frac{40}{81}$ <p>(4)</p>	19 (186)
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$\begin{array}{r} 8 \\ x 4 \\ \hline 32 \end{array}$ <p>(2)</p>	$\frac{9}{10} + \frac{3}{10} = 1\frac{1}{5}$ <p>(3)</p>	$\begin{array}{r} 9 \\ x 8 \\ \hline 72 \end{array}$ <p>(2)</p>	$\frac{1}{4} + \frac{1}{2} = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 3.6 \\ 20 \overline{)72.0} \end{array}$ <p>(3)</p>	12 (198)
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$\begin{array}{r} 2.5 \\ 16 \overline{)40.0} \end{array}$ <p>(3)</p>	$\begin{array}{r} 898 \\ x 27 \\ \hline 24246 \end{array}$ <p>(5)</p>	$\begin{array}{r} 60.12 \\ - 2.37 \\ \hline 57.75 \end{array}$ <p>(5)</p>	$\begin{array}{r} 16.3 \\ x 3.4 \\ \hline 55.42 \end{array}$ <p>(5)</p>	$\frac{4}{7} - \frac{3}{7} = \frac{1}{7}$ <p>(2)</p>	20 (218)
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AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #10 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{2}{3} \div \frac{3}{5} =$$

Convert to Decimal

$$\frac{3}{5} =$$

$$64\% \text{ of } 25 =$$

Convert to Fraction

$$.3 =$$

$$\frac{1}{3} + \frac{1}{6} =$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 89.2 \\ + 76.84 \\ \hline \end{array}$$

$$\begin{array}{r} 71.29 \\ - 2.75 \\ \hline \end{array}$$

Convert to Fraction

$$.5 =$$

$$\begin{array}{r} 86.5 \\ \times 3.3 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{1}{2} =$$

$$3.7 \overline{)55.2}$$

$$5 \overline{)30.5}$$

$$\begin{array}{r} 72.2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 63.1 \\ \times 2.1 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

$$\frac{2}{7} \div \frac{6}{7} =$$

$$\begin{array}{r} 42.83 \\ - 6.38 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{10} =$$

Convert to Fraction

$$.4 =$$

$$90 \overline{)316}$$

$$85 \overline{)258}$$

$$3.0 \overline{)25.1}$$

$$\begin{array}{r} 89.69 \\ + 67.77 \\ \hline \end{array}$$

$$\begin{array}{r} 41.47 \\ + 40.33 \\ \hline \end{array}$$

$$\begin{array}{r} 48.6 \\ \times 4 \\ \hline \end{array}$$

Convert to Fraction

$$.8 =$$

$$\begin{array}{r} 43.6 \\ \times 6 \\ \hline \end{array}$$

$$94\% \text{ of } 25 =$$

$$\frac{5}{9} + \frac{7}{9} =$$

AIMSweb® Mathematics Computation (Rel. 2006) Progress Monitor #10 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$8.8 \overline{)71.2}$$

$$\text{Convert to Fraction} \\ .7 =$$

$$\text{Convert to Fraction} \\ .75 =$$

$$4.1 \overline{)66.0}$$

$$\text{Convert to Fraction} \\ .6 =$$

$$\begin{array}{r} 8 \\ \times 5.3 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{3}{4} =$$

$$26\% \text{ of } 10 =$$

$$\begin{array}{r} 73.6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 86.79 \\ + 29.22 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{1}{8} =$$

$$50\% \text{ of } 45 =$$

$$\begin{array}{r} 589 \\ \times 81 \\ \hline \end{array}$$

$$72\% \text{ of } 10 =$$

$$\begin{array}{r} 80.3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 98.7 \\ + 3.54 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .25 =$$

$$18 \overline{)520}$$

$$18 \overline{)113.4}$$

$$\frac{8}{9} \times \frac{5}{9} =$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{3}{10} =$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\frac{1}{4} + \frac{1}{2} =$$

$$20 \overline{)72.0}$$

$$16 \overline{)40.0}$$

$$\begin{array}{r} 898 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 60.12 \\ - 2.37 \\ \hline \end{array}$$

$$\begin{array}{r} 16.3 \\ \times 3.4 \\ \hline \end{array}$$

$$\frac{4}{7} - \frac{3}{7} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{8}{9} \div \frac{1}{3} = \underline{2\frac{2}{3}}$ <p>(3)</p>	<p>Convert to Decimal</p> $\frac{1}{2} = \underline{.5}$ <p>(2)</p>	<p>80% of 60</p> $= \underline{48}$ <p>(2)</p>	<p>Convert to Fraction</p> $.8 = \underline{\frac{4}{5}}$ <p>(2)</p>	$\frac{1}{3} + \frac{1}{3} = \underline{\frac{2}{3}}$ <p>(2)</p>	11 (11)
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<p>Convert to Fraction</p> $.5 = \underline{\frac{1}{2}}$ <p>(2)</p>	$\begin{array}{r} 96.02 \\ + 33.86 \\ \hline 129.88 \end{array}$ <p>(6)</p>	$\begin{array}{r} 91.78 \\ - 5.52 \\ \hline 86.26 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.3 = \underline{\frac{3}{10}}$ <p>(3)</p>	$\begin{array}{r} 8 \\ \times 2.3 \\ \hline 18.4 \end{array}$ <p>(4)</p>	20 (31)
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$\frac{5}{7} \times \frac{2}{3} = \underline{\frac{10}{21}}$ <p>(4)</p>	$4.2 \overline{) 11.571}$ <p>(6)</p>	$5 \overline{) 7.5}$ <p>(3)</p>	$\begin{array}{r} 45.2 \\ \times 3 \\ \hline 135.6 \end{array}$ <p>(5)</p>	$\begin{array}{r} 54.1 \\ \times 5.9 \\ \hline 319.19 \end{array}$ <p>(6)</p>	24 (55)
---	--------------------------------------	---------------------------------	--	---	---------

<p>Convert to Decimal</p> $\frac{3}{5} = \underline{.6}$ <p>(2)</p>	$\frac{2}{3} \div \frac{1}{2} = \underline{1\frac{1}{3}}$ <p>(3)</p>	$\begin{array}{r} 73.51 \\ - 7.2 \\ \hline 66.31 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{1}{5} = \underline{.2}$ <p>(2)</p>	<p>Convert to Fraction</p> $.1 = \underline{\frac{1}{10}}$ <p>(3)</p>	15 (70)
---	--	--	---	---	---------

$7 \overline{) 9 \text{ r } 5}$ <p>(2)</p>	$12 \overline{) 144}$ <p>(2)</p>	$8.1 \overline{) 48.6}$ <p>(1)</p>	$\begin{array}{r} 63.54 \\ + 15.63 \\ \hline 79.17 \end{array}$ <p>(5)</p>	$\begin{array}{r} 39.49 \\ + 10.86 \\ \hline 50.35 \end{array}$ <p>(5)</p>	15 (85)
--	----------------------------------	------------------------------------	--	--	---------

$\begin{array}{r} 41.5 \\ \times 3 \\ \hline 124.5 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.25 = \underline{\frac{1}{4}}$ <p>(2)</p>	$\begin{array}{r} 27.5 \\ \times 6.4 \\ \hline 176 \end{array}$ <p>(3)</p>	<p>50% of 36</p> $= \underline{18}$ <p>(2)</p>	$\frac{4}{7} + \frac{5}{7} = \underline{1\frac{2}{7}}$ <p>(3)</p>	15 (100)
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AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 37.846 \\ 1.3 \overline{) 49.2} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 4.194 \\ 6.2 \overline{) 26.0} \\ \hline \end{array}$$

(5)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2) 18 (118)

$$\begin{array}{r} 7.8 \\ \times 3 \\ \hline 23.4 \end{array}$$

(4)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

50% of 25

$$= 12.5$$

(4)

$$\begin{array}{r} 66 \\ \times 9 \\ \hline 594 \end{array}$$

(3)

$$\begin{array}{r} 96.84 \\ + 3.18 \\ \hline 100.02 \end{array}$$

(6) 21 (139)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

96% of 30

$$= 28.8$$

(4)

$$\begin{array}{r} 381 \\ \times 25 \\ \hline 9525 \end{array}$$

(4)

43% of 25

$$= 10.75$$

(5)

$$\begin{array}{r} 17.5 \\ \times 6 \\ \hline 105 \end{array}$$

(3) 18 (157)

$$\begin{array}{r} 84.05 \\ + 59.82 \\ \hline 143.87 \end{array}$$

(6)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 13 \text{ r } 30 \\ 67 \overline{) 901} \\ \hline \end{array}$$

(4)

$$\begin{array}{r} 3.2 \\ 14 \overline{) 44.8} \\ \hline \end{array}$$

(3)

$$\frac{8}{9} \times \frac{1}{9} = \frac{8}{81}$$

(3) 18 (175)

$$\begin{array}{r} 362 \\ \times 63 \\ \hline 22806 \end{array}$$

(5)

$$\frac{9}{10} + \frac{1}{5} = 1\frac{1}{10}$$

(4)

$$\begin{array}{r} 574 \\ \times 72 \\ \hline 41328 \end{array}$$

(5)

$$\frac{2}{3} + 1 = 1\frac{2}{3}$$

(3)

$$\begin{array}{r} 7.8 \\ 9 \overline{) 70.2} \\ \hline \end{array}$$

(3) 20 (195)

$$\begin{array}{r} 2.4 \\ 10 \overline{) 24.0} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$$

(2)

$$\begin{array}{r} 8.27 \\ - 2.93 \\ \hline 5.34 \end{array}$$

(4)

$$\begin{array}{r} 44.1 \\ \times 7.6 \\ \hline 335.16 \end{array}$$

(6)

$$\frac{4}{9} - \frac{1}{9} = \frac{1}{3}$$

(2) 17 (212)

AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 8

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Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{8}{9} \div \frac{1}{3} =$$

Convert to Decimal

$$\frac{1}{2} =$$

$$80\% \text{ of } 60 =$$

Convert to Fraction

$$.8 =$$

$$\frac{1}{3} + \frac{1}{3} =$$

Convert to Fraction

$$.5 =$$

$$\begin{array}{r} 96.02 \\ + 33.86 \\ \hline \end{array}$$

$$\begin{array}{r} 91.78 \\ - 5.52 \\ \hline \end{array}$$

Convert to Fraction

$$.3 =$$

$$\begin{array}{r} 8 \\ \times 2.3 \\ \hline \end{array}$$

$$\frac{5}{7} * \frac{2}{3} =$$

$$4.2 \overline{)48.6}$$

$$5 \overline{)37.5}$$

$$\begin{array}{r} 45.2 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 54.1 \\ \times 5.9 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{2}{3} \div \frac{1}{2} =$$

$$\begin{array}{r} 73.51 \\ - 7.2 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Fraction

$$.1 =$$

$$7 \overline{)68}$$

$$12 \overline{)144}$$

$$8.1 \overline{)48.6}$$

$$\begin{array}{r} 63.54 \\ + 15.63 \\ \hline \end{array}$$

$$\begin{array}{r} 39.49 \\ + 10.86 \\ \hline \end{array}$$

$$\begin{array}{r} 41.5 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 27.5 \\ \times 6.4 \\ \hline \end{array}$$

$$50\% \text{ of } 36 =$$

$$\frac{4}{7} + \frac{5}{7} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #11 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$1.3 \overline{)49.2}$$

Convert to Fraction
 $.2 =$

Convert to Fraction
 $.7 =$

$$6.2 \overline{)26.0}$$

Convert to Fraction
 $.4 =$

$$\begin{array}{r} 7.8 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{8} =$

50% of 25
 $=$

$$\begin{array}{r} 66 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 96.84 \\ + 3.18 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

96% of 30
 $=$

$$\begin{array}{r} 381 \\ \times 25 \\ \hline \end{array}$$

43% of 25
 $=$

$$\begin{array}{r} 17.5 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 84.05 \\ + 59.82 \\ \hline \end{array}$$

Convert to Fraction
 $.75 =$

$$67 \overline{)901}$$

$$14 \overline{)44.8}$$

$$\frac{8}{9} \times \frac{1}{9} =$$

$$\begin{array}{r} 362 \\ \times 63 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{1}{5} =$$

$$\begin{array}{r} 574 \\ \times 72 \\ \hline \end{array}$$

$$\frac{2}{3} + 1 =$$

$$9 \overline{)70.2}$$

$$10 \overline{)24.0}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 8.27 \\ - 2.93 \\ \hline \end{array}$$

$$\begin{array}{r} 44.1 \\ \times 7.6 \\ \hline \end{array}$$

$$\frac{4}{9} - \frac{1}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$1 \div \frac{9}{10} = 1\frac{1}{9}$ (3)	Convert to Decimal $\frac{1}{4} = .25$ (3)	90% of 74 $= 66.6$ (4)	Convert to Fraction $.4 = \frac{2}{5}$ (2)	$\frac{2}{3} + \frac{7}{9} = 1\frac{4}{9}$ (3)	15 (15)
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Convert to Fraction $.5 = \frac{1}{2}$ (2)	$\begin{array}{r} 20.81 \\ + 17.59 \\ \hline 38.4 \end{array}$ (4)	$\begin{array}{r} 35.09 \\ - 2.54 \\ \hline 32.55 \end{array}$ (5)	Convert to Fraction $.75 = \frac{3}{4}$ (2)	$\begin{array}{r} 57.9 \\ \times 4 \\ \hline 231.6 \end{array}$ (5)	18 (33)
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$\frac{8}{9} \times \frac{8}{9} = \frac{64}{81}$ (4)	$5.4 \overline{)15.926}$ (6)	$20 \overline{)110.0}$ (3)	$\begin{array}{r} 33.4 \\ \times 5 \\ \hline 167 \end{array}$ (3)	$\begin{array}{r} 59.6 \\ \times 1.2 \\ \hline 71.52 \end{array}$ (5)	21 (54)
---	---------------------------------	-------------------------------	--	--	---------

Convert to Decimal $\frac{4}{5} = .8$ (2)	$\frac{2}{5} \div \frac{8}{9} = \frac{9}{20}$ (3)	$\begin{array}{r} 39.13 \\ - 8.02 \\ \hline 31.11 \end{array}$ (5)	Convert to Decimal $\frac{1}{8} = .125$ (4)	Convert to Fraction $.9 = \frac{9}{10}$ (3)	17 (71)
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$78 \overline{)101}$ (3)	$14 \overline{)61 \text{ r } 10}$ (4)	$3.6 \overline{)6.722}$ (5)	$\begin{array}{r} 47.76 \\ + 2.76 \\ \hline 50.52 \end{array}$ (5)	$\begin{array}{r} 66.95 \\ + 28.23 \\ \hline 95.18 \end{array}$ (5)	22 (93)
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$\begin{array}{r} 25.5 \\ \times 3 \\ \hline 76.5 \end{array}$ (4)	Convert to Fraction $.1 = \frac{1}{10}$ (3)	$\begin{array}{r} 20.3 \\ \times 2.8 \\ \hline 56.84 \end{array}$ (5)	26% of 20 $= 5.2$ (3)	$\frac{8}{9} + \frac{5}{9} = 1\frac{4}{9}$ (3)	18 (111)
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AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.5 \overline{) 39.9} \\ \underline{39.0} \\ 9.9 \\ \underline{9.5} \\ .4 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 4.5 \overline{) 14.689} \\ \underline{9.0} \\ 5.689 \\ \underline{4.5} \\ 1.189 \\ \underline{9.0} \\ 2.89 \\ \underline{2.7} \\ .19 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	17 (128)
---	--	--	--	---	----------

$\begin{array}{r} 8 \\ \times 7.5 \\ \hline 60 \end{array}$ <p>(2)</p>	<p>Convert to Decimal</p> $\frac{9}{10} = .9$ <p>(2)</p>	<p>75% of 16</p> $= 12$ <p>(2)</p>	$\begin{array}{r} 94.9 \\ \times 3.9 \\ \hline 370.11 \end{array}$ <p>(6)</p>	$\begin{array}{r} 34.89 \\ + 13.46 \\ \hline 48.35 \end{array}$ <p>(5)</p>	17 (145)
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<p>Convert to Decimal</p> $\frac{7}{10} = .7$ <p>(2)</p>	<p>90% of 55</p> $= 49.5$ <p>(4)</p>	$\begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array}$ <p>(2)</p>	<p>75% of 24</p> $= 18$ <p>(2)</p>	$\begin{array}{r} 20.6 \\ \times 3 \\ \hline 61.8 \end{array}$ <p>(4)</p>	14 (159)
--	--------------------------------------	---	------------------------------------	---	----------

$\begin{array}{r} 94.85 \\ + 12.98 \\ \hline 107.83 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	$\begin{array}{r} 1 \text{ r } 69 \\ 81 \overline{) 150} \end{array}$ <p>(3)</p>	$\begin{array}{r} 8 \\ 8 \overline{) 64.0} \end{array}$ <p>(1)</p>	$\frac{2}{7} \times \frac{8}{9} = \frac{16}{63}$ <p>(4)</p>	16 (175)
---	--	--	--	---	----------

$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$ <p>(2)</p>	$\frac{6}{7} + \frac{5}{7} = 1\frac{4}{7}$ <p>(3)</p>	$\begin{array}{r} 976 \\ \times 30 \\ \hline 29280 \end{array}$ <p>(5)</p>	$\frac{5}{9} + \frac{1}{3} = \frac{8}{9}$ <p>(2)</p>	$\begin{array}{r} 8.3 \\ 11 \overline{) 91.3} \end{array}$ <p>(3)</p>	15 (190)
---	---	--	--	---	----------

$\begin{array}{r} 9.4 \\ 11 \overline{) 103.4} \end{array}$ <p>(3)</p>	$\begin{array}{r} 149 \\ \times 73 \\ \hline 10877 \end{array}$ <p>(5)</p>	$\begin{array}{r} 31.55 \\ - 9.09 \\ \hline 22.46 \end{array}$ <p>(5)</p>	$\begin{array}{r} 36.2 \\ \times 6.1 \\ \hline 220.82 \end{array}$ <p>(6)</p>	$1 - \frac{8}{9} = \frac{1}{9}$ <p>(2)</p>	21 (211)
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AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$1 \div \frac{9}{10} =$$
$$\frac{1}{4} =$$

$$90\% \text{ of } 74 =$$

$$\frac{\text{Convert to Fraction}}{.4} =$$

$$\frac{2}{3} + \frac{7}{9} =$$

$$\frac{\text{Convert to Fraction}}{.5} =$$

$$\begin{array}{r} 20.81 \\ + 17.59 \\ \hline \end{array}$$

$$\begin{array}{r} 35.09 \\ - 2.54 \\ \hline \end{array}$$

$$\frac{\text{Convert to Fraction}}{.75} =$$

$$\begin{array}{r} 57.9 \\ \times 4 \\ \hline \end{array}$$

$$\frac{8}{9} \times \frac{8}{9} =$$

$$5.4 \overline{)86.0}$$

$$20 \overline{)110.0}$$

$$\begin{array}{r} 33.4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 59.6 \\ \times 1.2 \\ \hline \end{array}$$

$$\frac{\text{Convert to Decimal}}{4} =$$

$$\frac{2}{5} \div \frac{8}{9} =$$

$$\begin{array}{r} 39.13 \\ - 8.02 \\ \hline \end{array}$$

$$\frac{\text{Convert to Decimal}}{1}{8} =$$

$$\frac{\text{Convert to Fraction}}{.9} =$$

$$78 \overline{)101}$$

$$14 \overline{)864}$$

$$3.6 \overline{)24.2}$$

$$\begin{array}{r} 47.76 \\ + 2.76 \\ \hline \end{array}$$

$$\begin{array}{r} 66.95 \\ + 28.23 \\ \hline \end{array}$$

$$\begin{array}{r} 25.5 \\ \times 3 \\ \hline \end{array}$$

$$\frac{\text{Convert to Fraction}}{.1} =$$

$$\begin{array}{r} 20.3 \\ \times 2.8 \\ \hline \end{array}$$

$$26\% \text{ of } 20 =$$

$$\frac{8}{9} + \frac{5}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #12 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$6.5 \overline{)39.9}$$

Convert to Fraction
 $.2 =$

Convert to Fraction
 $.8 =$

$$4.5 \overline{)66.1}$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 8 \\ \times 7.5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{9}{10} =$

75% of 16
 $=$

$$\begin{array}{r} 94.9 \\ \times 3.9 \\ \hline \end{array}$$

$$\begin{array}{r} 34.89 \\ + 13.46 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

90% of 55
 $=$

$$\begin{array}{r} 10 \\ \times 2 \\ \hline \end{array}$$

75% of 24
 $=$

$$\begin{array}{r} 20.6 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 94.85 \\ + 12.98 \\ \hline \end{array}$$

Convert to Fraction
 $.6 =$

$$81 \overline{)150}$$

$$8 \overline{)64.0}$$

$$\frac{2}{7} \times \frac{8}{9} =$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

$$\frac{6}{7} + \frac{5}{7} =$$

$$\begin{array}{r} 976 \\ \times 30 \\ \hline \end{array}$$

$$\frac{5}{9} + \frac{1}{3} =$$

$$11 \overline{)91.3}$$

$$11 \overline{)103.4}$$

$$\begin{array}{r} 149 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 31.55 \\ - 9.09 \\ \hline \end{array}$$

$$\begin{array}{r} 36.2 \\ \times 6.1 \\ \hline \end{array}$$

$$1 - \frac{8}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{4}{7} \div \frac{1}{2} = 1\frac{1}{7}$ (3)	Convert to Decimal $\frac{7}{10} = .7$ (2)	56% of 25 = 14 (2)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\frac{1}{8} + \frac{5}{8} = \frac{3}{4}$ (2)	11 (11)
--	--	---------------------------------	---	--	---------

Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 64.24 \\ + 21.52 \\ \hline 85.76 \end{array}$ (5)	$\begin{array}{r} 71.84 \\ - 3.22 \\ \hline 68.62 \end{array}$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 7.8 \\ \times 3.2 \\ \hline 24.96 \end{array}$ (5)	19 (30)
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$\frac{2}{3} * \frac{1}{2} = \frac{1}{3}$ (2)	$9.2 \overline{) 50.9}$ 5.533 (5)	$6 \overline{) 36.6}$ 6.1 (3)	$\begin{array}{r} 77.5 \\ \times 8 \\ \hline 620 \end{array}$ (3)	$\begin{array}{r} 23.5 \\ \times 3.3 \\ \hline 77.55 \end{array}$ (5)	18 (48)
--	---	---	--	--	---------

Convert to Decimal $\frac{5}{8} = .625$ (4)	$1 \div \frac{2}{3} = 1\frac{1}{2}$ (3)	$\begin{array}{r} 97.1 \\ - 9.23 \\ \hline 87.87 \end{array}$ (5)	Convert to Decimal $\frac{3}{4} = .75$ (3)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	17 (65)
---	--	--	--	--	---------

$55 \overline{) 954}$ 17 r 19 (4)	$70 \overline{) 406}$ 5 r 56 (3)	$2.7 \overline{) 41.9}$ 15.519 (6)	$\begin{array}{r} 98.21 \\ + 96.89 \\ \hline 195.1 \end{array}$ (5)	$\begin{array}{r} 55 \\ + 4.53 \\ \hline 59.53 \end{array}$ (5)	23 (88)
---	--	--	--	--	---------

$\begin{array}{r} 83 \\ \times 2 \\ \hline 166 \end{array}$ (3)	Convert to Fraction .9 = $\frac{9}{10}$ (3)	$\begin{array}{r} 24.8 \\ \times 7.2 \\ \hline 178.56 \end{array}$ (6)	75% of 75 = 56.25 (5)	$\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$ (3)	20 (108)
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AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 5.145 \\ 8.3 \overline{)42.7} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 22.519 \\ 2.7 \overline{)60.8} \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	17 (125)
---	--	--	--	--	----------

$\begin{array}{r} 64.4 \\ \times 3 \\ \hline 193.2 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{3}{10} = .3$ <p>(2)</p>	<p>93% of 25</p> $= 23.25$ <p>(5)</p>	$\begin{array}{r} 37.5 \\ \times 5.2 \\ \hline 195 \end{array}$ <p>(3)</p>	$\begin{array}{r} 80.89 \\ + 53.31 \\ \hline 134.2 \end{array}$ <p>(5)</p>	20 (145)
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<p>Convert to Decimal</p> $\frac{3}{5} = .6$ <p>(2)</p>	<p>81% of 75</p> $= 60.75$ <p>(5)</p>	$\begin{array}{r} 845 \\ \times 43 \\ \hline 36335 \end{array}$ <p>(5)</p>	<p>70% of 17</p> $= 11.9$ <p>(4)</p>	$\begin{array}{r} 85.1 \\ \times 7 \\ \hline 595.7 \end{array}$ <p>(5)</p>	21 (166)
---	---------------------------------------	--	--------------------------------------	--	----------

$\begin{array}{r} 9.01 \\ + 4.56 \\ \hline 13.57 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	$\begin{array}{r} 12 \\ 4 \overline{)48} \end{array}$ <p>(2)</p>	$\begin{array}{r} 7.8 \\ 8 \overline{)62.4} \end{array}$ <p>(3)</p>	$\frac{1}{2} * \frac{5}{7} = \frac{5}{14}$ <p>(3)</p>	16 (182)
--	---	--	---	---	----------

$\begin{array}{r} 96 \\ \times 90 \\ \hline 8640 \end{array}$ <p>(4)</p>	$\frac{9}{10} + \frac{3}{5} = 1\frac{1}{2}$ <p>(3)</p>	$\begin{array}{r} 91 \\ \times 16 \\ \hline 1456 \end{array}$ <p>(4)</p>	$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$ <p>(2)</p>	$\begin{array}{r} 7.3 \\ 3 \overline{)21.9} \end{array}$ <p>(3)</p>	16 (198)
--	--	--	--	---	----------

$\begin{array}{r} 6.4 \\ 12 \overline{)76.8} \end{array}$ <p>(3)</p>	$\begin{array}{r} 797 \\ \times 47 \\ \hline 37459 \end{array}$ <p>(5)</p>	$\begin{array}{r} 80.3 \\ - 6.47 \\ \hline 73.83 \end{array}$ <p>(5)</p>	$\begin{array}{r} 81.1 \\ \times 5.4 \\ \hline 437.94 \end{array}$ <p>(6)</p>	$\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$ <p>(2)</p>	21 (219)
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AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{4}{7} \div \frac{1}{2} =$	Convert to Decimal $\frac{7}{10} =$	56% of 25 =	Convert to Fraction .25 =	$\frac{1}{8} + \frac{5}{8} =$
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Convert to Fraction .75 =	$\begin{array}{r} 64.24 \\ + 21.52 \\ \hline \end{array}$	$\begin{array}{r} 71.84 \\ - 3.22 \\ \hline \end{array}$	Convert to Fraction .5 =	$\begin{array}{r} 7.8 \\ \times 3.2 \\ \hline \end{array}$
------------------------------	---	--	-----------------------------	--

$\frac{2}{3} * \frac{1}{2} =$	$9.2 \overline{)50.9}$	$6 \overline{)36.6}$	$\begin{array}{r} 77.5 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 23.5 \\ \times 3.3 \\ \hline \end{array}$
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Convert to Decimal $\frac{5}{8} =$	$1 \overline{) \frac{2}{3}} =$	$\begin{array}{r} 97.1 \\ - 9.23 \\ \hline \end{array}$	Convert to Decimal $\frac{3}{4} =$	Convert to Fraction .4 =
---------------------------------------	--------------------------------	---	---------------------------------------	-----------------------------

$55 \overline{)954}$	$70 \overline{)406}$	$2.7 \overline{)41.9}$	$\begin{array}{r} 98.21 \\ + 96.89 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ + 4.53 \\ \hline \end{array}$
----------------------	----------------------	------------------------	---	---

$\begin{array}{r} 83 \\ \times 2 \\ \hline \end{array}$	Convert to Fraction .9 =	$\begin{array}{r} 24.8 \\ \times 7.2 \\ \hline \end{array}$	75% of 75 =	$\frac{7}{9} + \frac{5}{9} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #13 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.3 \overline{)42.7}$$

Convert to Fraction
 $.6 =$

Convert to Fraction
 $.8 =$

$$2.7 \overline{)60.8}$$

Convert to Fraction
 $.2 =$

$$\begin{array}{r} 64.4 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{10} =$

93% of 25
 $=$

$$\begin{array}{r} 37.5 \\ \times 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} 80.89 \\ + 53.31 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

81% of 75
 $=$

$$\begin{array}{r} 845 \\ \times 43 \\ \hline \end{array}$$

70% of 17
 $=$

$$\begin{array}{r} 85.1 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 9.01 \\ + 4.56 \\ \hline \end{array}$$

Convert to Fraction
 $.7 =$

$$4 \overline{)48}$$

$$8 \overline{)62.4}$$

$$\frac{1}{2} * \frac{5}{7} =$$

$$\begin{array}{r} 96 \\ \times 90 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{3}{5} =$$

$$\begin{array}{r} 91 \\ \times 16 \\ \hline \end{array}$$

$$\frac{5}{9} + \frac{2}{9} =$$

$$3 \overline{)21.9}$$

$$12 \overline{)76.8}$$

$$\begin{array}{r} 797 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 80.3 \\ - 6.47 \\ \hline \end{array}$$

$$\begin{array}{r} 81.1 \\ \times 5.4 \\ \hline \end{array}$$

$$\frac{5}{7} - \frac{1}{7} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{9}{10} \div \frac{3}{4} = 1\frac{1}{5}$ (3)	Convert to Decimal $\frac{1}{8} = .125$ (4)	25% of 21 $= 5.25$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{2}{5} + \frac{8}{5} = 2$ (1)	14 (14)
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Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 93.43 \\ + 38.36 \\ \hline 131.79 \end{array}$ (6)	$\begin{array}{r} 52.24 \\ - 5.98 \\ \hline 46.26 \end{array}$ (5)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\begin{array}{r} 76.8 \\ \times 5.4 \\ \hline 414.72 \end{array}$ (6)	21 (35)
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$\frac{8}{9} \times \frac{7}{8} = \frac{7}{9}$ (2)	$2.4 \overline{)16.625}$ (6)	$14 \overline{)106.4}$ (3)	$\begin{array}{r} 33.1 \\ \times 4 \\ \hline 132.4 \end{array}$ (5)	$\begin{array}{r} 93.3 \\ \times 6.5 \\ \hline 606.45 \end{array}$ (6)	22 (57)
---	---------------------------------	-------------------------------	--	---	---------

Convert to Decimal $\frac{2}{5} = .4$ (2)	$\frac{1}{8} \div \frac{8}{9} = \frac{9}{64}$ (3)	$\begin{array}{r} 40.73 \\ - 8.96 \\ \hline 31.77 \end{array}$ (5)	Convert to Decimal $\frac{3}{4} = .75$ (3)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	15 (72)
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$55 \overline{)15 \text{ r } 35}$ (4)	$19 \overline{)32 \text{ r } 2}$ (3)	$1.2 \overline{)37.75}$ (5)	$\begin{array}{r} 72.65 \\ + 48.79 \\ \hline 121.44 \end{array}$ (6)	$\begin{array}{r} 73.54 \\ + 10.46 \\ \hline 84 \end{array}$ (2)	20 (92)
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$\begin{array}{r} 75.8 \\ \times 8 \\ \hline 606.4 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 71.1 \\ \times 2.2 \\ \hline 156.42 \end{array}$ (6)	75% of 70 $= 52.5$ (4)	$\frac{5}{6} + \frac{5}{6} = 1\frac{2}{3}$ (3)	20 (112)
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AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 22.192 \\ 2.6 \overline{) 57.7} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	$\begin{array}{r} 14.889 \\ 5.4 \overline{) 80.4} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	19 (131)
---	--	---	---	---	----------

$\begin{array}{r} 34.2 \\ \times 9 \\ \hline 307.8 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{7}{10} = .7$ <p>(2)</p>	<p>75% of 17</p> $= 12.75$ <p>(5)</p>	$\begin{array}{r} 47.7 \\ \times 7.2 \\ \hline 343.44 \end{array}$ <p>(6)</p>	$\begin{array}{r} 69.05 \\ + 21.96 \\ \hline 91.01 \end{array}$ <p>(5)</p>	23 (154)
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<p>Convert to Decimal</p> $\frac{4}{5} = .8$ <p>(2)</p>	<p>75% of 47</p> $= 35.25$ <p>(5)</p>	$\begin{array}{r} 410 \\ \times 15 \\ \hline 6150 \end{array}$ <p>(4)</p>	<p>67% of 25</p> $= 16.75$ <p>(5)</p>	$\begin{array}{r} 26.2 \\ \times 9 \\ \hline 235.8 \end{array}$ <p>(5)</p>	21 (175)
---	---------------------------------------	---	---------------------------------------	--	----------

$\begin{array}{r} 86.69 \\ + 44.8 \\ \hline 131.49 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p>	$\begin{array}{r} 10 \\ 4 \overline{) 40} \\ \hline \end{array}$ <p>(2)</p>	$\begin{array}{r} 2.7 \\ 7 \overline{) 18.9} \\ \hline \end{array}$ <p>(3)</p>	$\frac{2}{3} \times \frac{2}{7} = \frac{4}{21}$ <p>(3)</p>	17 (192)
--	---	---	--	--	----------

$\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$ <p>(2)</p>	$\frac{7}{8} + \frac{3}{4} = 1\frac{5}{8}$ <p>(3)</p>	$\begin{array}{r} 30 \\ \times 9 \\ \hline 270 \end{array}$ <p>(3)</p>	$\frac{5}{8} + \frac{1}{4} = \frac{7}{8}$ <p>(2)</p>	$\begin{array}{r} 1.9 \\ 17 \overline{) 32.3} \\ \hline \end{array}$ <p>(3)</p>	13 (205)
---	---	--	--	---	----------

$\begin{array}{r} 3.8 \\ 6 \overline{) 22.8} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 336 \\ \times 6 \\ \hline 2016 \end{array}$ <p>(4)</p>	$\begin{array}{r} 95.53 \\ - 4.44 \\ \hline 91.09 \end{array}$ <p>(5)</p>	$\begin{array}{r} 5.2 \\ \times 4.2 \\ \hline 21.84 \end{array}$ <p>(5)</p>	$1 - \frac{1}{4} = \frac{3}{4}$ <p>(2)</p>	19 (224)
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AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{9}{10} \div \frac{3}{4} =$$

Convert to Decimal

$$\frac{1}{8} =$$

$$25\% \text{ of } 21 =$$

Convert to Fraction

$$.5 =$$

$$\frac{2}{5} + \frac{8}{5} =$$

Convert to Fraction

$$.8 =$$

$$\begin{array}{r} 93.43 \\ + 38.36 \\ \hline \end{array}$$

$$\begin{array}{r} 52.24 \\ - 5.98 \\ \hline \end{array}$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 76.8 \\ \times 5.4 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{7}{8} =$$

$$2.4 \overline{)39.9}$$

$$14 \overline{)106.4}$$

$$\begin{array}{r} 33.1 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 93.3 \\ \times 6.5 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{2}{5} =$$

$$\frac{1}{8} \div \frac{8}{9} =$$

$$\begin{array}{r} 40.73 \\ - 8.96 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction

$$.6 =$$

$$55 \overline{)860}$$

$$19 \overline{)610}$$

$$1.2 \overline{)45.3}$$

$$\begin{array}{r} 72.65 \\ + 48.79 \\ \hline \end{array}$$

$$\begin{array}{r} 73.54 \\ + 10.46 \\ \hline \end{array}$$

$$\begin{array}{r} 75.8 \\ \times 8 \\ \hline \end{array}$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 71.1 \\ \times 2.2 \\ \hline \end{array}$$

$$75\% \text{ of } 70 =$$

$$\frac{5}{6} + \frac{5}{6} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #14 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$2.6 \overline{)57.7}$$

Convert to Fraction
 $.2 =$

Convert to Fraction
 $.3 =$

$$5.4 \overline{)80.4}$$

Convert to Fraction
 $.75 =$

$$\begin{array}{r} 34.2 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

75% of 17
 $=$

$$\begin{array}{r} 47.7 \\ \times 7.2 \\ \hline \end{array}$$

$$\begin{array}{r} 69.05 \\ + 21.96 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

75% of 47
 $=$

$$\begin{array}{r} 410 \\ \times 15 \\ \hline \end{array}$$

67% of 25
 $=$

$$\begin{array}{r} 26.2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 86.69 \\ + 44.8 \\ \hline \end{array}$$

Convert to Fraction
 $.9 =$

$$4 \overline{)40}$$

$$7 \overline{)18.9}$$

$$\frac{2}{3} \times \frac{2}{7} =$$

$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{3}{4} =$$

$$\begin{array}{r} 30 \\ \times 9 \\ \hline \end{array}$$

$$\frac{5}{8} + \frac{1}{4} =$$

$$17 \overline{)32.3}$$

$$6 \overline{)22.8}$$

$$\begin{array}{r} 336 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 95.53 \\ - 4.44 \\ \hline \end{array}$$

$$\begin{array}{r} 5.2 \\ \times 4.2 \\ \hline \end{array}$$

$$1 - \frac{1}{4} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{4}{7} \div \frac{8}{9} = \frac{9}{14}$ (3)	Convert to Decimal $\frac{1}{4} = .25$ (3)	75% of 25 $= 18.75$ (5)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\frac{3}{4} + \frac{7}{8} = 1\frac{5}{8}$ (3)	16 (16)
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Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 33.45 \\ + 4 \\ \hline 37.45 \end{array}$ (5)	$\begin{array}{r} 75.08 \\ - 3.41 \\ \hline 71.67 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 97.5 \\ \times 8.9 \\ \hline 867.75 \end{array}$ (6)	20 (36)
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$\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$ (3)	$5.9 \overline{) 30.7}$ (5)	$6 \overline{) 25.8}$ (3)	$\begin{array}{r} 32.7 \\ \times 8 \\ \hline 261.6 \end{array}$ (5)	$\begin{array}{r} 33.5 \\ \times 4.4 \\ \hline 147.4 \end{array}$ (5)	21 (57)
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Convert to Decimal $\frac{1}{2} = .5$ (2)	$\frac{1}{2} \div \frac{1}{6} = 3$ (1)	$\begin{array}{r} 88.2 \\ - 6.9 \\ \hline 81.3 \end{array}$ (4)	Convert to Decimal $\frac{7}{10} = .7$ (2)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	11 (68)
---	---	--	--	--	---------

$11 \overline{) 110}$ (2)	$50 \overline{) 343}$ (3)	$6.1 \overline{) 53.9}$ (5)	$\begin{array}{r} 75.51 \\ + 59.1 \\ \hline 134.61 \end{array}$ (6)	$\begin{array}{r} 99.66 \\ + 75.46 \\ \hline 175.12 \end{array}$ (6)	22 (90)
------------------------------	------------------------------	--------------------------------	--	---	---------

$\begin{array}{r} 7.4 \\ \times 7 \\ \hline 51.8 \end{array}$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 52.5 \\ \times 1.9 \\ \hline 99.75 \end{array}$ (5)	75% of 28 $= 21$ (2)	$\frac{5}{9} + \frac{2}{9} = \frac{7}{9}$ (2)	15 (105)
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AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.0 \overline{) 6.767} \\ 40.6 \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	$\begin{array}{r} 8.9 \overline{) 10.36} \\ 92.2 \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	18 (123)
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$\begin{array}{r} 56.5 \\ \times 7 \\ \hline 395.5 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{3}{8} = .375$ <p>(4)</p>	<p>25% of 14</p> $= 3.5$ <p>(3)</p>	$\begin{array}{r} 9 \\ \times 5.5 \\ \hline 49.5 \end{array}$ <p>(4)</p>	$\begin{array}{r} 66.28 \\ + 64.48 \\ \hline 130.76 \end{array}$ <p>(6)</p>	22 (145)
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<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>70% of 15</p> $= 10.5$ <p>(4)</p>	$\begin{array}{r} 959 \\ \times 81 \\ \hline 77679 \end{array}$ <p>(5)</p>	<p>75% of 50</p> $= 37.5$ <p>(4)</p>	$\begin{array}{r} 31 \\ \times 6 \\ \hline 186 \end{array}$ <p>(3)</p>	19 (164)
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$\begin{array}{r} 40.59 \\ + 7.35 \\ \hline 47.94 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 12 \overline{) 4} \\ 48 \\ \hline \end{array}$ <p>(1)</p>	$\begin{array}{r} 11 \overline{) 5.6} \\ 61.6 \\ \hline \end{array}$ <p>(3)</p>	$\frac{2}{3} \times \frac{1}{4} = \frac{1}{6}$ <p>(2)</p>	13 (177)
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$\begin{array}{r} 293 \\ \times 99 \\ \hline 29007 \end{array}$ <p>(5)</p>	$\frac{1}{4} + \frac{7}{8} = 1\frac{1}{8}$ <p>(3)</p>	$\begin{array}{r} 405 \\ \times 83 \\ \hline 33615 \end{array}$ <p>(5)</p>	$\frac{1}{2} + \frac{3}{2} = 2$ <p>(1)</p>	$\begin{array}{r} 9 \overline{) 2.9} \\ 26.1 \\ \hline \end{array}$ <p>(3)</p>	17 (194)
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$\begin{array}{r} 13 \overline{) 3.9} \\ 50.7 \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$ <p>(2)</p>	$\begin{array}{r} 27.98 \\ - 3.67 \\ \hline 24.31 \end{array}$ <p>(5)</p>	$\begin{array}{r} 60.4 \\ \times 6.3 \\ \hline 380.52 \end{array}$ <p>(6)</p>	$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$ <p>(2)</p>	18 (212)
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AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 8

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Student Name: _____ **Grade:** _____ **Teacher Name:** _____

$\frac{4}{7} / \frac{8}{9} =$	Convert to Decimal $\frac{1}{4} =$	75% of 25 =	Convert to Fraction .6 =	$\frac{3}{4} + \frac{7}{8} =$
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Convert to Fraction .2 =	33.45 <u>+ 4</u>	75.08 <u>- 3.41</u>	Convert to Fraction .25 =	97.5 <u>x 8.9</u>
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$\frac{1}{2} * \frac{3}{5} =$	5.9 <u>30.7</u>	6 <u>25.8</u>	32.7 <u>x 8</u>	33.5 <u>x 4.4</u>
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Convert to Decimal $\frac{1}{2} =$	$\frac{1}{2} / \frac{1}{6} =$	88.2 <u>- 6.9</u>	Convert to Decimal $\frac{7}{10} =$	Convert to Fraction .4 =
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11 <u>110</u>	50 <u>343</u>	6.1 <u>53.9</u>	75.51 <u>+ 59.1</u>	99.66 <u>+ 75.46</u>
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7.4 <u>x 7</u>	Convert to Fraction .5 =	52.5 <u>x 1.9</u>	75% of 28 =	$\frac{5}{9} + \frac{2}{9} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #15 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$6.0 \overline{)40.6}$$

Convert to Fraction
 $.7 =$

Convert to Fraction
 $.3 =$

$$8.9 \overline{)92.2}$$

Convert to Fraction
 $.75 =$

$$\begin{array}{r} 56.5 \\ \times 7 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{8} =$

25% of 14
 $=$

$$\begin{array}{r} 9 \\ \times 5.5 \\ \hline \end{array}$$

$$\begin{array}{r} 66.28 \\ + 64.48 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

70% of 15
 $=$

$$\begin{array}{r} 959 \\ \times 81 \\ \hline \end{array}$$

75% of 50
 $=$

$$\begin{array}{r} 31 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 40.59 \\ + 7.35 \\ \hline \end{array}$$

Convert to Fraction
 $.8 =$

$$12 \overline{)48}$$

$$11 \overline{)61.6}$$

$$\frac{2}{3} * \frac{1}{4} =$$

$$\begin{array}{r} 293 \\ \times 99 \\ \hline \end{array}$$

$$\frac{1}{4} + \frac{7}{8} =$$

$$\begin{array}{r} 405 \\ \times 83 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{3}{2} =$$

$$9 \overline{)26.1}$$

$$13 \overline{)50.7}$$

$$\begin{array}{r} 9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 27.98 \\ - 3.67 \\ \hline \end{array}$$

$$\begin{array}{r} 60.4 \\ \times 6.3 \\ \hline \end{array}$$

$$\frac{5}{7} - \frac{2}{7} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #16 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{2}{3} \div \frac{6}{7} = \frac{7}{9}$ (2)	Convert to Decimal $\frac{9}{10} = .9$ (2)	77% of 25 $= 19.25$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{3}{8} + \frac{1}{2} = \frac{7}{8}$ (2)	13 (13)
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Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 86.29 \\ + 59.69 \\ \hline 145.98 \end{array}$ (6)	$\begin{array}{r} 97.13 \\ - 8.17 \\ \hline 88.96 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 81.5 \\ \times 5.8 \\ \hline 472.7 \end{array}$ (5)	20 (33)
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$\frac{3}{8} \times \frac{4}{5} = \frac{3}{10}$ (3)	$7.7 \overline{) 52.1}$ (5)	$6 \overline{) 54.6}$ (3)	$\begin{array}{r} 92.4 \\ \times 9 \\ \hline 831.6 \end{array}$ (5)	$\begin{array}{r} 52.1 \\ \times 8.7 \\ \hline 453.27 \end{array}$ (6)	22 (55)
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Convert to Decimal $\frac{4}{5} = .8$ (2)	$\frac{1}{3} \div \frac{5}{8} = \frac{8}{15}$ (3)	$\begin{array}{r} 38.77 \\ - 7.25 \\ \hline 31.52 \end{array}$ (5)	Convert to Decimal $\frac{3}{5} = .6$ (2)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	14 (69)
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$12 \overline{) 60}$ (1)	$82 \overline{) 520}$ (3)	$4.2 \overline{) 22.6}$ (5)	$\begin{array}{r} 69.64 \\ + 45.58 \\ \hline 115.22 \end{array}$ (6)	$\begin{array}{r} 97.2 \\ + 10.88 \\ \hline 108.08 \end{array}$ (6)	21 (90)
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$\begin{array}{r} 67.2 \\ \times 9 \\ \hline 604.8 \end{array}$ (5)	Convert to Fraction .7 = $\frac{7}{10}$ (3)	$\begin{array}{r} 68.9 \\ \times 9.4 \\ \hline 647.66 \end{array}$ (6)	25% of 20 $= 5$ (1)	$\frac{5}{9} + \frac{5}{9} = 1\frac{1}{9}$ (3)	18 (108)
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AIMSweb® Mathematics Computation 2 Progress Monitor #16 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 8.823 \\ 9.6 \overline{)84.7} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p>	$\begin{array}{r} 9.235 \\ 3.4 \overline{)31.4} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p>	18 (126)
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$\begin{array}{r} 38 \\ \times 6 \\ \hline 228 \end{array}$ <p>(3)</p>	<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>90% of 53</p> $= 47.7$ <p>(4)</p>	$\begin{array}{r} 46.2 \\ \times 6.2 \\ \hline 286.44 \end{array}$ <p>(6)</p>	$\begin{array}{r} 76.57 \\ + 26.55 \\ \hline 103.12 \end{array}$ <p>(6)</p>	22 (148)
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<p>Convert to Decimal</p> $\frac{7}{10} = .7$ <p>(2)</p>	<p>74% of 50</p> $= 37$ <p>(2)</p>	$\begin{array}{r} 318 \\ \times 12 \\ \hline 3816 \end{array}$ <p>(4)</p>	<p>30% of 29</p> $= 8.7$ <p>(3)</p>	$\begin{array}{r} 88.1 \\ \times 2 \\ \hline 176.2 \end{array}$ <p>(5)</p>	16 (164)
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$\begin{array}{r} 95.6 \\ + 29.29 \\ \hline 124.89 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	$\begin{array}{r} 8 \text{ r } 2 \\ 46 \overline{)370} \end{array}$ <p>(2)</p>	$\begin{array}{r} 9.3 \\ 6 \overline{)55.8} \end{array}$ <p>(3)</p>	$\frac{3}{4} \times \frac{3}{8} = \frac{9}{32}$ <p>(3)</p>	16 (180)
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$\begin{array}{r} 596 \\ \times 6 \\ \hline 3576 \end{array}$ <p>(4)</p>	$\frac{1}{2} + \frac{1}{8} = \frac{5}{8}$ <p>(2)</p>	$\begin{array}{r} 816 \\ \times 16 \\ \hline 13056 \end{array}$ <p>(5)</p>	$\frac{8}{9} + \frac{2}{9} = 1\frac{1}{9}$ <p>(3)</p>	$\begin{array}{r} 4.1 \\ 4 \overline{)16.4} \end{array}$ <p>(3)</p>	17 (197)
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$\begin{array}{r} 2.8 \\ 3 \overline{)8.4} \end{array}$ <p>(3)</p>	$\begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array}$ <p>(3)</p>	$\begin{array}{r} 12.26 \\ - 4.02 \\ \hline 8.24 \end{array}$ <p>(4)</p>	$\begin{array}{r} 9.7 \\ \times 7.6 \\ \hline 73.72 \end{array}$ <p>(5)</p>	$\frac{7}{2} - \frac{1}{2} = 3$ <p>(1)</p>	16 (213)
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Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{2}{3} \div \frac{6}{7} =$$

Convert to Decimal

$$\frac{9}{10} =$$

$$77\% \text{ of } 25 =$$

Convert to Fraction

$$.5 =$$

$$\frac{3}{8} + \frac{1}{2} =$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 86.29 \\ + 59.69 \\ \hline \end{array}$$

$$\begin{array}{r} 97.13 \\ - 8.17 \\ \hline \end{array}$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 81.5 \\ \times 5.8 \\ \hline \end{array}$$

$$\frac{3}{8} * \frac{4}{5} =$$

$$7.7 \overline{)52.1}$$

$$6 \overline{)54.6}$$

$$\begin{array}{r} 92.4 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 52.1 \\ \times 8.7 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{4}{5} =$$

$$\frac{1}{3} \div \frac{5}{8} =$$

$$\begin{array}{r} 38.77 \\ - 7.25 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{5} =$$

Convert to Fraction

$$.75 =$$

$$12 \overline{)60}$$

$$82 \overline{)520}$$

$$4.2 \overline{)22.6}$$

$$\begin{array}{r} 69.64 \\ + 45.58 \\ \hline \end{array}$$

$$\begin{array}{r} 97.2 \\ + 10.88 \\ \hline \end{array}$$

$$\begin{array}{r} 67.2 \\ \times 9 \\ \hline \end{array}$$

Convert to Fraction

$$.7 =$$

$$\begin{array}{r} 68.9 \\ \times 9.4 \\ \hline \end{array}$$

$$25\% \text{ of } 20 =$$

$$\frac{5}{9} + \frac{5}{9} =$$

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Student Name: _____

Grade: _____

Teacher Name: _____

$$9.6 \overline{)84.7}$$

Convert to Fraction
 $.4 =$

Convert to Fraction
 $.9 =$

$$3.4 \overline{)31.4}$$

Convert to Fraction
 $.1 =$

$$\begin{array}{r} 38 \\ \times 6 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

90% of 53
 $=$

$$\begin{array}{r} 46.2 \\ \times 6.2 \\ \hline \end{array}$$

$$\begin{array}{r} 76.57 \\ + 26.55 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{10} =$

74% of 50
 $=$

$$\begin{array}{r} 318 \\ \times 12 \\ \hline \end{array}$$

30% of 29
 $=$

$$\begin{array}{r} 88.1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 95.6 \\ + 29.29 \\ \hline \end{array}$$

Convert to Fraction
 $.2 =$

$$46 \overline{)370}$$

$$6 \overline{)55.8}$$

$$\frac{3}{4} \times \frac{3}{8} =$$

$$\begin{array}{r} 596 \\ \times 6 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{1}{8} =$$

$$\begin{array}{r} 816 \\ \times 16 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{2}{9} =$$

$$4 \overline{)16.4}$$

$$3 \overline{)8.4}$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 12.26 \\ - 4.02 \\ \hline \end{array}$$

$$\begin{array}{r} 9.7 \\ \times 7.6 \\ \hline \end{array}$$

$$\frac{7}{2} - \frac{1}{2} =$$

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$\frac{5}{7} \div \frac{3}{4} = \frac{20}{21}$ (4)	Convert to Decimal $\frac{3}{5} = .6$ (2)	75% of 69 $= 51.75$ (5)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\frac{1}{2} + \frac{9}{8} = 1\frac{5}{8}$ (3)	16 (16)
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Convert to Fraction .9 = $\frac{9}{10}$ (3)	$\begin{array}{r} 92.34 \\ + 21.23 \\ \hline 113.57 \end{array}$ (6)	$\begin{array}{r} 37.59 \\ - 6.98 \\ \hline 30.61 \end{array}$ (5)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 17.2 \\ \times 2.6 \\ \hline 44.72 \end{array}$ (5)	21 (37)
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$\frac{7}{9} \times \frac{1}{4} = \frac{7}{36}$ (3)	$1.6 \overline{) 17.3}$ (6)	$20 \overline{) 196.0}$ (3)	$\begin{array}{r} 7.5 \\ \times 7 \\ \hline 52.5 \end{array}$ (4)	$\begin{array}{r} 4.9 \\ \times 2.4 \\ \hline 11.76 \end{array}$ (5)	21 (58)
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Convert to Decimal $\frac{1}{8} = .125$ (4)	$\frac{1}{2} \div \frac{6}{7} = \frac{7}{12}$ (3)	$\begin{array}{r} 99.64 \\ - 8.64 \\ \hline 91 \end{array}$ (2)	Convert to Decimal $\frac{4}{5} = .8$ (2)	Convert to Fraction .3 = $\frac{3}{10}$ (3)	14 (72)
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$67 \overline{) 527}$ (3)	$55 \overline{) 768}$ (4)	$2.5 \overline{) 34.4}$ (5)	$\begin{array}{r} 63.45 \\ + 30.81 \\ \hline 94.26 \end{array}$ (5)	$\begin{array}{r} 48.41 \\ + 24.37 \\ \hline 72.78 \end{array}$ (5)	22 (94)
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$\begin{array}{r} 7 \\ \times 4.7 \\ \hline 32.9 \end{array}$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 64.2 \\ \times 6 \\ \hline 385.2 \end{array}$ (5)	26% of 25 $= 6.5$ (3)	$\frac{2}{5} + \frac{8}{5} = 2$ (1)	15 (109)
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$$\begin{array}{r} 8.772 \\ 5.7 \overline{) 50.0} \\ \underline{31.9} \\ 18.10 \\ \underline{17.4} \\ .70 \\ \underline{.63} \\ .07 \end{array}$$

(5)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 3.479 \\ 9.4 \overline{) 32.7} \\ \underline{18.2} \\ 14.50 \\ \underline{14.0} \\ .50 \\ \underline{.48} \\ .20 \end{array}$$

(5)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2) 17 (126)

$$\begin{array}{r} 90.8 \\ \times 6 \\ \hline 544.8 \end{array}$$

(5)

Convert to Decimal

$$\frac{3}{8} = .375$$

(4)

86% of 40

$$= 34.4$$

(4)

$$\begin{array}{r} 95.1 \\ \times 8.9 \\ \hline 846.39 \end{array}$$

(6)

$$\begin{array}{r} 62.77 \\ + 45.88 \\ \hline 108.65 \end{array}$$

(6) 25 (151)

Convert to Decimal

$$\frac{5}{8} = .625$$

(4)

87% of 75

$$= 65.25$$

(5)

$$\begin{array}{r} 263 \\ \times 99 \\ \hline 26037 \end{array}$$

(5)

75% of 56

$$= 42$$

(2)

$$\begin{array}{r} 79.8 \\ \times 8 \\ \hline 638.4 \end{array}$$

(5) 21 (172)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 91.76 \\ + 11.56 \\ \hline 103.32 \end{array}$$

(6)

$$\begin{array}{r} 7 \text{ r } 31 \\ 99 \overline{) 724} \\ \underline{693} \\ 31 \end{array}$$

(3)

$$\begin{array}{r} 3.5 \\ 19 \overline{) 66.5} \\ \underline{38} \\ 28.5 \\ \underline{28.5} \\ 0 \end{array}$$

(3)

$$\frac{7}{8} \times \frac{3}{7} = \frac{3}{8}$$

(2) 16 (188)

$$\begin{array}{r} 178 \\ \times 89 \\ \hline 15842 \end{array}$$

(5)

$$\frac{7}{8} + \frac{3}{4} = 1\frac{5}{8}$$

(3)

$$\begin{array}{r} 88 \\ \times 66 \\ \hline 5808 \end{array}$$

(4)

$$\frac{3}{7} + \frac{1}{7} = \frac{4}{7}$$

(2)

$$\begin{array}{r} 2 \\ 18 \overline{) 36.0} \\ \underline{36} \\ 0 \end{array}$$

(1) 15 (203)

$$\begin{array}{r} 3.5 \\ 7 \overline{) 24.5} \\ \underline{21} \\ 3.50 \\ \underline{3.5} \\ 0 \end{array}$$

(3)

$$\begin{array}{r} 403 \\ \times 44 \\ \hline 17732 \end{array}$$

(5)

$$\begin{array}{r} 25.34 \\ - 3.54 \\ \hline 21.8 \end{array}$$

(4)

$$\begin{array}{r} 27.6 \\ \times 5.9 \\ \hline 162.84 \end{array}$$

(6)

$$\frac{2}{3} - \frac{1}{2} = \frac{1}{6}$$

(2) 20 (223)

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You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{5}{7} \div \frac{3}{4} =$	Convert to Decimal $\frac{3}{5} =$	75% of 69 =	Convert to Fraction .4 =	$\frac{1}{2} + \frac{9}{8} =$
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Convert to Fraction .9 =	$\begin{array}{r} 92.34 \\ + 21.23 \\ \hline \end{array}$	$\begin{array}{r} 37.59 \\ - 6.98 \\ \hline \end{array}$	Convert to Fraction .75 =	$\begin{array}{r} 17.2 \\ \times 2.6 \\ \hline \end{array}$
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$\frac{7}{9} * \frac{1}{4} =$	$1.6 \overline{)17.3}$	$20 \overline{)196.0}$	$\begin{array}{r} 7.5 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 4.9 \\ \times 2.4 \\ \hline \end{array}$
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Convert to Decimal $\frac{1}{8} =$	$\frac{1}{2} \div \frac{6}{7} =$	$\begin{array}{r} 99.64 \\ - 8.64 \\ \hline \end{array}$	Convert to Decimal $\frac{4}{5} =$	Convert to Fraction .3 =
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$67 \overline{)527}$	$55 \overline{)768}$	$2.5 \overline{)34.4}$	$\begin{array}{r} 63.45 \\ + 30.81 \\ \hline \end{array}$	$\begin{array}{r} 48.41 \\ + 24.37 \\ \hline \end{array}$
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$\begin{array}{r} 7 \\ \times 4.7 \\ \hline \end{array}$	Convert to Fraction .2 =	$\begin{array}{r} 64.2 \\ \times 6 \\ \hline \end{array}$	26% of 25 =	$\frac{2}{5} + \frac{8}{5} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #17 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$5.7 \overline{)50.0}$$

Convert to Fraction
 $.5 =$

Convert to Fraction
 $.7 =$

$$9.4 \overline{)32.7}$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 90.8 \\ \times 6 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{8} =$

$$86\% \text{ of } 40 =$$

$$\begin{array}{r} 95.1 \\ \times 8.9 \\ \hline \end{array}$$

$$\begin{array}{r} 62.77 \\ + 45.88 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

$$87\% \text{ of } 75 =$$

$$\begin{array}{r} 263 \\ \times 99 \\ \hline \end{array}$$

$$75\% \text{ of } 56 =$$

$$\begin{array}{r} 79.8 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 91.76 \\ + 11.56 \\ \hline \end{array}$$

Convert to Fraction
 $.8 =$

$$99 \overline{)724}$$

$$19 \overline{)66.5}$$

$$\frac{7}{8} \times \frac{3}{7} =$$

$$\begin{array}{r} 178 \\ \times 89 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{3}{4} =$$

$$\begin{array}{r} 88 \\ \times 66 \\ \hline \end{array}$$

$$\frac{3}{7} + \frac{1}{7} =$$

$$18 \overline{)36.0}$$

$$7 \overline{)24.5}$$

$$\begin{array}{r} 403 \\ \times 44 \\ \hline \end{array}$$

$$\begin{array}{r} 25.34 \\ - 3.54 \\ \hline \end{array}$$

$$\begin{array}{r} 27.6 \\ \times 5.9 \\ \hline \end{array}$$

$$\frac{2}{3} - \frac{1}{2} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{8}{9} \div \frac{2}{3} = 1\frac{1}{3}$ (3)	Convert to Decimal $\frac{2}{5} = .4$ (2)	82% of 25 $= 20.5$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{3}{4} + \frac{5}{4} = 2$ (1)	12 (12)
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Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 98.18 \\ + 3.95 \\ \hline 102.13 \end{array}$ (6)	$\begin{array}{r} 77.4 \\ - 5.64 \\ \hline 71.76 \end{array}$ (5)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\begin{array}{r} 44.4 \\ \times 4.4 \\ \hline 195.36 \end{array}$ (6)	21 (33)
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$\frac{3}{4} \times \frac{1}{3} = \frac{1}{4}$ (2)	$7.5 \overline{) 62.8}$ (5)	$4 \overline{) 28.0}$ (1)	$\begin{array}{r} 22.2 \\ \times 7 \\ \hline 155.4 \end{array}$ (5)	$\begin{array}{r} 55 \\ \times 4 \\ \hline 220 \end{array}$ (3)	16 (49)
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Convert to Decimal $\frac{3}{4} = .75$ (3)	$\frac{1}{2} \div \frac{1}{4} = 2$ (1)	$\begin{array}{r} 26.74 \\ - 7.97 \\ \hline 18.77 \end{array}$ (5)	Convert to Decimal $\frac{3}{8} = .375$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	15 (64)
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$23 \overline{) 288}$ (4)	$6 \overline{) 72}$ (2)	$6.9 \overline{) 97.4}$ (6)	$\begin{array}{r} 84.95 \\ + 35.11 \\ \hline 120.06 \end{array}$ (6)	$\begin{array}{r} 74.3 \\ + 67.25 \\ \hline 141.55 \end{array}$ (6)	24 (88)
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$\begin{array}{r} 13.2 \\ \times 2 \\ \hline 26.4 \end{array}$ (4)	Convert to Fraction .1 = $\frac{1}{10}$ (3)	$\begin{array}{r} 30.7 \\ \times 2.3 \\ \hline 70.61 \end{array}$ (5)	94% of 25 $= 23.5$ (4)	$\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$ (3)	19 (107)
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AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.512 \\ 8.6 \overline{)56.0} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	$\begin{array}{r} 7.514 \\ 7.0 \overline{)52.6} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	17 (124)
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$\begin{array}{r} 9 \\ \times 6.3 \\ \hline 56.7 \\ \hline \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p>	<p>25% of 20</p> $= 5$ <p>(1)</p>	$\begin{array}{r} 31.4 \\ \times 8.6 \\ \hline 270.04 \\ \hline \end{array}$ <p>(6)</p>	$\begin{array}{r} 30.78 \\ + 8.44 \\ \hline 39.22 \\ \hline \end{array}$ <p>(5)</p>	18 (142)
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<p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p>	<p>75% of 22</p> $= 16.5$ <p>(4)</p>	$\begin{array}{r} 551 \\ \times 90 \\ \hline 49590 \\ \hline \end{array}$ <p>(5)</p>	<p>25% of 14</p> $= 3.5$ <p>(3)</p>	$\begin{array}{r} 13.7 \\ \times 3 \\ \hline 41.1 \\ \hline \end{array}$ <p>(4)</p>	18 (160)
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$\begin{array}{r} 46.28 \\ + 41.97 \\ \hline 88.25 \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 2 \text{ r } 41 \\ 77 \overline{)195} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 1.8 \\ 14 \overline{)25.2} \\ \hline \end{array}$ <p>(3)</p>	$\frac{2}{7} \times \frac{7}{8} = \frac{1}{4}$ <p>(2)</p>	15 (175)
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$\begin{array}{r} 790 \\ \times 87 \\ \hline 68730 \\ \hline \end{array}$ <p>(5)</p>	$\frac{1}{4} + \frac{3}{2} = 1\frac{3}{4}$ <p>(3)</p>	$\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \\ \hline \end{array}$ <p>(2)</p>	$\frac{1}{2} + \frac{4}{3} = 1\frac{5}{6}$ <p>(3)</p>	$\begin{array}{r} 4.7 \\ 2 \overline{)9.4} \\ \hline \end{array}$ <p>(3)</p>	16 (191)
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$\begin{array}{r} 3.3 \\ 11 \overline{)36.3} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 864 \\ \times 51 \\ \hline 44064 \\ \hline \end{array}$ <p>(5)</p>	$\begin{array}{r} 82.77 \\ - 8.95 \\ \hline 73.82 \\ \hline \end{array}$ <p>(5)</p>	$\begin{array}{r} 34.2 \\ \times 3 \\ \hline 102.6 \\ \hline \end{array}$ <p>(5)</p>	$\frac{4}{9} - \frac{1}{9} = \frac{1}{3}$ <p>(2)</p>	20 (211)
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AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{8}{9} \div \frac{2}{3} =$$

Convert to Decimal

$$\frac{2}{5} =$$

$$82\% \text{ of } 25 =$$

Convert to Fraction

$$.5 =$$

$$\frac{3}{4} + \frac{5}{4} =$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 98.18 \\ + 3.95 \\ \hline \end{array}$$

$$\begin{array}{r} 77.4 \\ - 5.64 \\ \hline \end{array}$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 44.4 \\ \times 4.4 \\ \hline \end{array}$$

$$\frac{3}{4} * \frac{1}{3} =$$

$$7.5 \overline{)62.8}$$

$$4 \overline{)28.0}$$

$$\begin{array}{r} 22.2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{1}{2} \div \frac{1}{4} =$$

$$\begin{array}{r} 26.74 \\ - 7.97 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{8} =$$

Convert to Fraction

$$.2 =$$

$$23 \overline{)288}$$

$$6 \overline{)72}$$

$$6.9 \overline{)97.4}$$

$$\begin{array}{r} 84.95 \\ + 35.11 \\ \hline \end{array}$$

$$\begin{array}{r} 74.3 \\ + 67.25 \\ \hline \end{array}$$

$$\begin{array}{r} 13.2 \\ \times 2 \\ \hline \end{array}$$

Convert to Fraction

$$.1 =$$

$$\begin{array}{r} 30.7 \\ \times 2.3 \\ \hline \end{array}$$

$$94\% \text{ of } 25 =$$

$$\frac{7}{9} + \frac{5}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #18 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.6 \overline{)56.0}$$

Convert to Fraction
 $.8 =$

Convert to Fraction
 $.25 =$

$$7.0 \overline{)52.6}$$

Convert to Fraction
 $.3 =$

$$\begin{array}{r} 9 \\ \times 6.3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

25% of 20
 $=$

$$\begin{array}{r} 31.4 \\ \times 8.6 \\ \hline \end{array}$$

$$\begin{array}{r} 30.78 \\ + 8.44 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

75% of 22
 $=$

$$\begin{array}{r} 551 \\ \times 90 \\ \hline \end{array}$$

25% of 14
 $=$

$$\begin{array}{r} 13.7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 46.28 \\ + 41.97 \\ \hline \end{array}$$

Convert to Fraction
 $.75 =$

$$77 \overline{)195}$$

$$14 \overline{)25.2}$$

$$\frac{2}{7} \times \frac{7}{8} =$$

$$\begin{array}{r} 790 \\ \times 87 \\ \hline \end{array}$$

$$\frac{1}{4} + \frac{3}{2} =$$

$$\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{4}{3} =$$

$$2 \overline{)9.4}$$

$$11 \overline{)36.3}$$

$$\begin{array}{r} 864 \\ \times 51 \\ \hline \end{array}$$

$$\begin{array}{r} 82.77 \\ - 8.95 \\ \hline \end{array}$$

$$\begin{array}{r} 34.2 \\ \times 3 \\ \hline \end{array}$$

$$\frac{4}{9} - \frac{1}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{9}{10} \div \frac{1}{2} = 1\frac{4}{5}$ (3)	Convert to Decimal $\frac{4}{5} = .8$ (2)	99% of 60 $= 59.4$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{1}{3} + \frac{5}{9} = \frac{8}{9}$ (2)	13 (13)
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Convert to Fraction .7 = $\frac{7}{10}$ (3)	$\begin{array}{r} 97.64 \\ + 56.23 \\ \hline 153.87 \end{array}$ (6)	$\begin{array}{r} 78.16 \\ - 9.34 \\ \hline 68.82 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 83 \\ \times 8.7 \\ \hline 722.1 \end{array}$ (5)	21 (34)
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$\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$ (2)	$3.3 \overline{)30.242}$ (6)	$11 \overline{)33}$ (3)	$\begin{array}{r} 37.4 \\ \times 3 \\ \hline 112.2 \end{array}$ (5)	$\begin{array}{r} 87.1 \\ \times 3.7 \\ \hline 322.27 \end{array}$ (6)	22 (56)
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Convert to Decimal $\frac{3}{5} = .6$ (2)	$\frac{8}{9} \div \frac{2}{3} = 1\frac{1}{3}$ (3)	$\begin{array}{r} 77.05 \\ - 6.89 \\ \hline 70.16 \end{array}$ (5)	Convert to Decimal $\frac{3}{4} = .75$ (3)	Convert to Fraction .9 = $\frac{9}{10}$ (3)	16 (72)
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$72 \overline{)10 \text{ r } 25}$ (4)	$5 \overline{)2}$ (1)	$3.7 \overline{)12.73}$ (5)	$\begin{array}{r} 81.09 \\ + 42.37 \\ \hline 123.46 \end{array}$ (6)	$\begin{array}{r} 40.9 \\ + 24.77 \\ \hline 65.67 \end{array}$ (5)	21 (93)
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$\begin{array}{r} 45.4 \\ \times 3 \\ \hline 136.2 \end{array}$ (5)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 64.9 \\ \times 3.1 \\ \hline 201.19 \end{array}$ (6)	25% of 17 $= 4.25$ (4)	$\frac{5}{6} + \frac{1}{2} = 1\frac{1}{3}$ (3)	20 (113)
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AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.424 \\ 8.5 \overline{)54.6} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	$\begin{array}{r} 22.828 \\ 2.9 \overline{)66.2} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p>	17 (130)
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$\begin{array}{r} 57.5 \\ \times 8 \\ \hline 460 \end{array}$ <p>(3)</p>	<p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p>	<p>75% of 53</p> $= 39.75$ <p>(5)</p>	$\begin{array}{r} 16.7 \\ \times 3.4 \\ \hline 56.78 \end{array}$ <p>(5)</p>	$\begin{array}{r} 98.59 \\ + 55.24 \\ \hline 153.83 \end{array}$ <p>(6)</p>	21 (151)
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<p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p>	<p>61% of 30</p> $= 18.3$ <p>(4)</p>	$\begin{array}{r} 809 \\ \times 13 \\ \hline 10517 \end{array}$ <p>(5)</p>	<p>63% of 60</p> $= 37.8$ <p>(4)</p>	$\begin{array}{r} 41.6 \\ \times 6 \\ \hline 249.6 \end{array}$ <p>(5)</p>	21 (172)
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$\begin{array}{r} 90.1 \\ + 51.51 \\ \hline 141.61 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p>	$\begin{array}{r} 5 \text{ r } 44 \\ 52 \overline{)304} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 5.4 \\ 9 \overline{)48.6} \\ \hline \end{array}$ <p>(3)</p>	$\frac{1}{8} \times \frac{7}{8} = \frac{7}{64}$ <p>(3)</p>	18 (190)
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$\begin{array}{r} 116 \\ \times 36 \\ \hline 4176 \end{array}$ <p>(4)</p>	$\frac{8}{9} + \frac{2}{9} = 1\frac{1}{9}$ <p>(3)</p>	$\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$ <p>(3)</p>	$\frac{7}{8} + \frac{1}{4} = 1\frac{1}{8}$ <p>(3)</p>	$\begin{array}{r} 9 \\ 20 \overline{)180.0} \\ \hline \end{array}$ <p>(1)</p>	14 (204)
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$\begin{array}{r} 2.1 \\ 18 \overline{)37.8} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 957 \\ \times 13 \\ \hline 12441 \end{array}$ <p>(5)</p>	$\begin{array}{r} 42.07 \\ - 1.24 \\ \hline 40.83 \end{array}$ <p>(5)</p>	$\begin{array}{r} 56.1 \\ \times 5.2 \\ \hline 291.72 \end{array}$ <p>(6)</p>	$\frac{7}{9} - \frac{1}{9} = \frac{2}{3}$ <p>(2)</p>	21 (225)
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AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{9}{10} \div \frac{1}{2} =$$

Convert to Decimal

$$\frac{4}{5} =$$

$$99\% \text{ of } 60 =$$

Convert to Fraction

$$.5 =$$

$$\frac{1}{3} + \frac{5}{9} =$$

Convert to Fraction

$$.7 =$$

$$\begin{array}{r} 97.64 \\ + 56.23 \\ \hline \end{array}$$

$$\begin{array}{r} 78.16 \\ - 9.34 \\ \hline \end{array}$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 83 \\ \times 8.7 \\ \hline \end{array}$$

$$\frac{3}{4} * \frac{1}{2} =$$

$$3.3 \overline{)99.8}$$

$$11 \overline{)36.3}$$

$$\begin{array}{r} 37.4 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 87.1 \\ \times 3.7 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{8}{9} \div \frac{2}{3} =$$

$$\begin{array}{r} 77.05 \\ - 6.89 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction

$$.9 =$$

$$72 \overline{)745}$$

$$5 \overline{)10}$$

$$3.7 \overline{)47.1}$$

$$\begin{array}{r} 81.09 \\ + 42.37 \\ \hline \end{array}$$

$$\begin{array}{r} 40.9 \\ + 24.77 \\ \hline \end{array}$$

$$\begin{array}{r} 45.4 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 64.9 \\ \times 3.1 \\ \hline \end{array}$$

$$25\% \text{ of } 17 =$$

$$\frac{5}{6} + \frac{1}{2} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #19 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.5 \overline{)54.6}$$

Convert to Fraction
 $.8 =$

Convert to Fraction
 $.2 =$

$$2.9 \overline{)66.2}$$

Convert to Fraction
 $.4 =$

$$\begin{array}{r} 57.5 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

75% of 53
 $=$

$$\begin{array}{r} 16.7 \\ \times 3.4 \\ \hline \end{array}$$

$$\begin{array}{r} 98.59 \\ + 55.24 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

61% of 30
 $=$

$$\begin{array}{r} 809 \\ \times 13 \\ \hline \end{array}$$

63% of 60
 $=$

$$\begin{array}{r} 41.6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 90.1 \\ + 51.51 \\ \hline \end{array}$$

Convert to Fraction
 $.1 =$

$$52 \overline{)304}$$

$$9 \overline{)48.6}$$

$$\frac{1}{8} * \frac{7}{8} =$$

$$\begin{array}{r} 116 \\ \times 36 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{2}{9} =$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\frac{7}{8} + \frac{1}{4} =$$

$$20 \overline{)180.0}$$

$$18 \overline{)37.8}$$

$$\begin{array}{r} 957 \\ \times 13 \\ \hline \end{array}$$

$$\begin{array}{r} 42.07 \\ - 1.24 \\ \hline \end{array}$$

$$\begin{array}{r} 56.1 \\ \times 5.2 \\ \hline \end{array}$$

$$\frac{7}{9} - \frac{1}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{2}{3} \div \frac{3}{5} = 1\frac{1}{9}$ (3)	Convert to Decimal $\frac{3}{5} = .6$ (2)	64% of 25 $= 16$ (2)	Convert to Fraction .3 = $\frac{3}{10}$ (3)	$\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$ (2)	12 (12)
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Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 89.2 \\ + 76.84 \\ \hline 166.04 \end{array}$ (6)	$\begin{array}{r} 71.29 \\ - 2.75 \\ \hline 68.54 \end{array}$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 86.5 \\ \times 3.3 \\ \hline 285.45 \end{array}$ (6)	21 (33)
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$\frac{8}{9} \times \frac{1}{2} = \frac{4}{9}$ (2)	$3.7 \overline{)14.919}$ (6)	$5 \overline{)30.5}$ (3)	$\begin{array}{r} 72.2 \\ \times 6 \\ \hline 433.2 \end{array}$ (5)	$\begin{array}{r} 63.1 \\ \times 2.1 \\ \hline 132.51 \end{array}$ (6)	22 (55)
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Convert to Decimal $\frac{1}{5} = .2$ (2)	$\frac{2}{7} \div \frac{6}{7} = \frac{1}{3}$ (2)	$\begin{array}{r} 42.83 \\ - 6.38 \\ \hline 36.45 \end{array}$ (5)	Convert to Decimal $\frac{1}{10} = .1$ (2)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	13 (68)
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$90 \overline{)316}$ 3 r 46 (3)	$85 \overline{)258}$ 3 r 3 (2)	$3.0 \overline{)25.1}$ 8.367 (5)	$\begin{array}{r} 89.69 \\ + 67.77 \\ \hline 157.46 \end{array}$ (6)	$\begin{array}{r} 41.47 \\ + 40.33 \\ \hline 81.8 \end{array}$ (4)	20 (88)
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$\begin{array}{r} 48.6 \\ \times 4 \\ \hline 194.4 \end{array}$ (5)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 43.6 \\ \times 6 \\ \hline 261.6 \end{array}$ (5)	94% of 25 $= 23.5$ (4)	$\frac{5}{9} + \frac{7}{9} = 1\frac{1}{3}$ (3)	19 (107)
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AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 8.091 \\ 8.8 \overline{)71.2} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 16.098 \\ 4.1 \overline{)66.0} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	18 (125)
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$\begin{array}{r} 8 \\ x 5.3 \\ \hline 42.4 \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>26% of 10</p> $= 2.6$ <p>(3)</p>	$\begin{array}{r} 73.6 \\ x 6 \\ \hline 441.6 \end{array}$ <p>(5)</p>	$\begin{array}{r} 86.79 \\ + 29.22 \\ \hline 116.01 \end{array}$ <p>(6)</p>	21 (146)
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<p>Convert to Decimal</p> $\frac{1}{8} = .125$ <p>(4)</p>	<p>50% of 45</p> $= 22.5$ <p>(4)</p>	$\begin{array}{r} 589 \\ x 81 \\ \hline 47709 \end{array}$ <p>(5)</p>	<p>72% of 10</p> $= 7.2$ <p>(3)</p>	$\begin{array}{r} 80.3 \\ x 7 \\ \hline 562.1 \end{array}$ <p>(5)</p>	21 (167)
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$\begin{array}{r} 98.7 \\ + 3.54 \\ \hline 102.24 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	$\begin{array}{r} 28 \text{ r } 16 \\ 18 \overline{)520} \\ \hline \end{array}$ <p>(4)</p>	$\begin{array}{r} 6.3 \\ 18 \overline{)113.4} \\ \hline \end{array}$ <p>(3)</p>	$\frac{8}{9} \times \frac{5}{9} = \frac{40}{81}$ <p>(4)</p>	19 (186)
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$\begin{array}{r} 8 \\ x 4 \\ \hline 32 \end{array}$ <p>(2)</p>	$\frac{9}{10} + \frac{3}{10} = 1\frac{1}{5}$ <p>(3)</p>	$\begin{array}{r} 9 \\ x 8 \\ \hline 72 \end{array}$ <p>(2)</p>	$\frac{1}{4} + \frac{1}{2} = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 3.6 \\ 20 \overline{)72.0} \\ \hline \end{array}$ <p>(3)</p>	12 (198)
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$\begin{array}{r} 2.5 \\ 16 \overline{)40.0} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 898 \\ x 27 \\ \hline 24246 \end{array}$ <p>(5)</p>	$\begin{array}{r} 60.12 \\ - 2.37 \\ \hline 57.75 \end{array}$ <p>(5)</p>	$\begin{array}{r} 16.3 \\ x 3.4 \\ \hline 55.42 \end{array}$ <p>(5)</p>	$\frac{4}{7} - \frac{3}{7} = \frac{1}{7}$ <p>(2)</p>	20 (218)
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AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{2}{3} \div \frac{3}{5} =$$

Convert to Decimal

$$\frac{3}{5} =$$

$$64\% \text{ of } 25 =$$

Convert to Fraction

$$.3 =$$

$$\frac{1}{3} + \frac{1}{6} =$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 89.2 \\ + 76.84 \\ \hline \end{array}$$

$$\begin{array}{r} 71.29 \\ - 2.75 \\ \hline \end{array}$$

Convert to Fraction

$$.5 =$$

$$\begin{array}{r} 86.5 \\ \times 3.3 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{1}{2} =$$

$$3.7 \overline{)55.2}$$

$$5 \overline{)30.5}$$

$$\begin{array}{r} 72.2 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 63.1 \\ \times 2.1 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

$$\frac{2}{7} \div \frac{6}{7} =$$

$$\begin{array}{r} 42.83 \\ - 6.38 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{10} =$$

Convert to Fraction

$$.4 =$$

$$90 \overline{)316}$$

$$85 \overline{)258}$$

$$3.0 \overline{)25.1}$$

$$\begin{array}{r} 89.69 \\ + 67.77 \\ \hline \end{array}$$

$$\begin{array}{r} 41.47 \\ + 40.33 \\ \hline \end{array}$$

$$\begin{array}{r} 48.6 \\ \times 4 \\ \hline \end{array}$$

Convert to Fraction

$$.8 =$$

$$\begin{array}{r} 43.6 \\ \times 6 \\ \hline \end{array}$$

$$94\% \text{ of } 25 =$$

$$\frac{5}{9} + \frac{7}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #20 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.8 \overline{)71.2}$$

Convert to Fraction
 $.7 =$

Convert to Fraction
 $.75 =$

$$4.1 \overline{)66.0}$$

Convert to Fraction
 $.6 =$

$$\begin{array}{r} 8 \\ \times 5.3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

26% of 10
 $=$

$$\begin{array}{r} 73.6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 86.79 \\ + 29.22 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{8} =$

50% of 45
 $=$

$$\begin{array}{r} 589 \\ \times 81 \\ \hline \end{array}$$

72% of 10
 $=$

$$\begin{array}{r} 80.3 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 98.7 \\ + 3.54 \\ \hline \end{array}$$

Convert to Fraction
 $.25 =$

$$18 \overline{)520}$$

$$18 \overline{)113.4}$$

$$\frac{8}{9} \times \frac{5}{9} =$$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{3}{10} =$$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

$$\frac{1}{4} + \frac{1}{2} =$$

$$20 \overline{)72.0}$$

$$16 \overline{)40.0}$$

$$\begin{array}{r} 898 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 60.12 \\ - 2.37 \\ \hline \end{array}$$

$$\begin{array}{r} 16.3 \\ \times 3.4 \\ \hline \end{array}$$

$$\frac{4}{7} - \frac{3}{7} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{2}{3} \div \frac{5}{9} = 1\frac{1}{5}$ (3)	Convert to Decimal $\frac{7}{10} = .7$ (2)	75% of 44 $= 33$ (2)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{5}{9} + \frac{2}{3} = 1\frac{2}{9}$ (3)	12 (12)
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Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\begin{array}{r} 62.4 \\ + 25.33 \\ \hline 87.73 \end{array}$ (5)	$\begin{array}{r} 3.77 \\ - 1.63 \\ \hline 2.14 \end{array}$ (4)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 98 \\ \times 6.7 \\ \hline 656.6 \end{array}$ (5)	18 (30)
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$\frac{1}{9} \times \frac{1}{2} = \frac{1}{18}$ (3)	$3.1 \overline{)19.581}$ (6)	$13 \overline{)104.0}$ (1)	$\begin{array}{r} 9.6 \\ \times 4 \\ \hline 38.4 \end{array}$ (4)	$\begin{array}{r} 35.6 \\ \times 2 \\ \hline 71.2 \end{array}$ (4)	18 (48)
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Convert to Decimal $\frac{1}{5} = .2$ (2)	$\frac{2}{3} \div \frac{8}{9} = \frac{3}{4}$ (2)	$\begin{array}{r} 10.27 \\ - 2.7 \\ \hline 7.57 \end{array}$ (4)	Convert to Decimal $\frac{1}{2} = .5$ (2)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	12 (60)
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$11 \overline{)33}$ (1)	$15 \overline{)50} \text{ r } 3$ (3)	$3.8 \overline{)9.105}$ (5)	$\begin{array}{r} 63.05 \\ + 20.33 \\ \hline 83.38 \end{array}$ (5)	$\begin{array}{r} 63.7 \\ + 49.97 \\ \hline 113.67 \end{array}$ (6)	20 (80)
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$\begin{array}{r} 3.8 \\ \times 3 \\ \hline 11.4 \end{array}$ (4)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 95.1 \\ \times 7.7 \\ \hline 732.27 \end{array}$ (6)	97% of 75 $= 72.75$ (5)	$\frac{4}{9} + \frac{4}{9} = \frac{8}{9}$ (2)	19 (99)
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AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 6.617 \\ 4.7 \overline{)31.1} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	$\begin{array}{r} 50.071 \\ 1.4 \overline{)70.1} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	19 (118)
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$\begin{array}{r} 41.8 \\ \times 5 \\ \hline 209 \\ \hline \end{array}$ <p>(3)</p>	<p>Convert to Decimal</p> $\frac{3}{5} = .6$ <p>(2)</p>	<p>60% of 46</p> $= 27.6$ <p>(4)</p>	$\begin{array}{r} 74.7 \\ \times 9.1 \\ \hline 679.77 \\ \hline \end{array}$ <p>(6)</p>	$\begin{array}{r} 99.71 \\ + 34.2 \\ \hline 133.91 \\ \hline \end{array}$ <p>(6)</p>	21 (139)
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<p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p>	<p>97% of 50</p> $= 48.5$ <p>(4)</p>	$\begin{array}{r} 983 \\ \times 57 \\ \hline 56031 \\ \hline \end{array}$ <p>(5)</p>	<p>80% of 22</p> $= 17.6$ <p>(4)</p>	$\begin{array}{r} 86 \\ \times 4 \\ \hline 344 \\ \hline \end{array}$ <p>(3)</p>	19 (158)
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$\begin{array}{r} 83.83 \\ + 4.91 \\ \hline 88.74 \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	$\begin{array}{r} 7 \text{ r } 16 \\ 89 \overline{)639} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 8.3 \\ 19 \overline{)157.7} \\ \hline \end{array}$ <p>(3)</p>	$\frac{1}{3} \times \frac{7}{8} = \frac{7}{24}$ <p>(3)</p>	16 (174)
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$\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \\ \hline \end{array}$ <p>(2)</p>	$\frac{1}{3} + \frac{7}{3} = 2\frac{2}{3}$ <p>(3)</p>	$\begin{array}{r} 301 \\ \times 11 \\ \hline 3311 \\ \hline \end{array}$ <p>(4)</p>	$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 1.2 \\ 8 \overline{)9.6} \\ \hline \end{array}$ <p>(3)</p>	14 (188)
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$\begin{array}{r} 8.5 \\ 13 \overline{)110.5} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \\ \hline \end{array}$ <p>(2)</p>	$\begin{array}{r} 45.92 \\ - 1.37 \\ \hline 44.55 \\ \hline \end{array}$ <p>(5)</p>	$\begin{array}{r} 88.1 \\ \times 2.4 \\ \hline 211.44 \\ \hline \end{array}$ <p>(6)</p>	$\frac{4}{3} - \frac{2}{3} = \frac{2}{3}$ <p>(2)</p>	18 (206)
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AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{2}{3} \div \frac{5}{9} =$$

Convert to Decimal

$$\frac{7}{10} =$$

$$75\% \text{ of } 44 =$$

Convert to Fraction

$$.5 =$$

$$\frac{5}{9} + \frac{2}{3} =$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 62.4 \\ + 25.33 \\ \hline \end{array}$$

$$\begin{array}{r} 3.77 \\ - 1.63 \\ \hline \end{array}$$

Convert to Fraction

$$.8 =$$

$$\begin{array}{r} 98 \\ \times 6.7 \\ \hline \end{array}$$

$$\frac{1}{9} * \frac{1}{2} =$$

$$3.1 \overline{)60.7}$$

$$13 \overline{)104.0}$$

$$\begin{array}{r} 9.6 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 35.6 \\ \times 2 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

$$\frac{2}{3} \div \frac{8}{9} =$$

$$\begin{array}{r} 10.27 \\ - 2.7 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction

$$.25 =$$

$$11 \overline{)33}$$

$$15 \overline{)753}$$

$$3.8 \overline{)34.6}$$

$$\begin{array}{r} 63.05 \\ + 20.33 \\ \hline \end{array}$$

$$\begin{array}{r} 63.7 \\ + 49.97 \\ \hline \end{array}$$

$$\begin{array}{r} 3.8 \\ \times 3 \\ \hline \end{array}$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 95.1 \\ \times 7.7 \\ \hline \end{array}$$

$$97\% \text{ of } 75 =$$

$$\frac{4}{9} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #21 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$4.7 \overline{)31.1}$$

Convert to Fraction
 $.75 =$

Convert to Fraction
 $.7 =$

$$1.4 \overline{)70.1}$$

Convert to Fraction
 $.3 =$

$$\begin{array}{r} 41.8 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

60% of 46
 $=$

$$\begin{array}{r} 74.7 \\ \times 9.1 \\ \hline \end{array}$$

$$\begin{array}{r} 99.71 \\ + 34.2 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

97% of 50
 $=$

$$\begin{array}{r} 983 \\ \times 57 \\ \hline \end{array}$$

80% of 22
 $=$

$$\begin{array}{r} 86 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 83.83 \\ + 4.91 \\ \hline \end{array}$$

Convert to Fraction
 $.2 =$

$$89 \overline{)639}$$

$$19 \overline{)157.7}$$

$$\frac{1}{3} * \frac{7}{8} =$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\frac{1}{3} + \frac{7}{3} =$$

$$\begin{array}{r} 301 \\ \times 11 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{1}{4} =$$

$$8 \overline{)9.6}$$

$$13 \overline{)110.5}$$

$$\begin{array}{r} 11 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 45.92 \\ - 1.37 \\ \hline \end{array}$$

$$\begin{array}{r} 88.1 \\ \times 2.4 \\ \hline \end{array}$$

$$\frac{4}{3} - \frac{2}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{2}{3} \div \frac{7}{9} = \frac{6}{7}$ (2)	Convert to Decimal $\frac{1}{5} = .2$ (2)	80% of 12 = 9.6 (3)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{9}{10} + \frac{2}{5} = 1\frac{3}{10}$ (4)	13 (13)
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Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 97.76 \\ + 69.7 \\ \hline 167.46 \end{array}$ (6)	$\begin{array}{r} 4.9 \\ - 3.99 \\ \hline .91 \end{array}$ (3)	Convert to Fraction .1 = $\frac{1}{10}$ (3)	$\begin{array}{r} 5.1 \\ \times 3.4 \\ \hline 17.34 \end{array}$ (4)	19 (32)
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$\frac{6}{7} \times \frac{2}{7} = \frac{12}{49}$ (4)	$\begin{array}{r} 7.449 \\ 4.9 \overline{) 36.5} \end{array}$ (5)	$\begin{array}{r} 6.9 \\ 5 \overline{) 34.5} \end{array}$ (3)	$\begin{array}{r} 15.9 \\ \times 9 \\ \hline 143.1 \end{array}$ (5)	$\begin{array}{r} 87.4 \\ \times 5.2 \\ \hline 454.48 \end{array}$ (6)	23 (55)
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Convert to Decimal $\frac{1}{2} = .5$ (2)	$\frac{1}{9} \div \frac{5}{9} = \frac{1}{5}$ (2)	$\begin{array}{r} 67 \\ - 2.42 \\ \hline 64.58 \end{array}$ (5)	Convert to Decimal $\frac{1}{8} = .125$ (4)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	15 (70)
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$\begin{array}{r} 2 \text{ r } 8 \\ 70 \overline{) 148} \end{array}$ (2)	$\begin{array}{r} 5 \\ 5 \overline{) 25} \end{array}$ (1)	$\begin{array}{r} 13.396 \\ 4.8 \overline{) 64.3} \end{array}$ (6)	$\begin{array}{r} 19.69 \\ + 17.06 \\ \hline 36.75 \end{array}$ (5)	$\begin{array}{r} 77 \\ + 44.57 \\ \hline 121.57 \end{array}$ (6)	20 (90)
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$\begin{array}{r} 24.2 \\ \times 2 \\ \hline 48.4 \end{array}$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 81.9 \\ \times 2.7 \\ \hline 221.13 \end{array}$ (6)	75% of 53 = 39.75 (5)	$\frac{7}{9} + \frac{4}{9} = 1\frac{2}{9}$ (3)	20 (110)
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AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 14.4 \\ 6.5 \overline{)93.6} \\ \hline \end{array}$ <p>(4)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	$\begin{array}{r} 33.875 \\ 2.4 \overline{)81.3} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	18 (128)
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$\begin{array}{r} 43.1 \\ \times 5 \\ \hline 215.5 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>60% of 59</p> $= 35.4$ <p>(4)</p>	$\begin{array}{r} 62 \\ \times 4.8 \\ \hline 297.6 \end{array}$ <p>(5)</p>	$\begin{array}{r} 80.97 \\ + 33.21 \\ \hline 114.18 \end{array}$ <p>(6)</p>	23 (151)
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<p>Convert to Decimal</p> $\frac{3}{5} = .6$ <p>(2)</p>	<p>36% of 25</p> $= 9$ <p>(1)</p>	$\begin{array}{r} 322 \\ \times 32 \\ \hline 10304 \end{array}$ <p>(5)</p>	<p>81% of 25</p> $= 20.25$ <p>(5)</p>	$\begin{array}{r} 41.1 \\ \times 3 \\ \hline 123.3 \end{array}$ <p>(5)</p>	18 (169)
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$\begin{array}{r} 78.09 \\ + 4.4 \\ \hline 82.49 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 134 \\ 2 \overline{)268} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 5.6 \\ 15 \overline{)84.0} \\ \hline \end{array}$ <p>(3)</p>	$\frac{4}{7} \times \frac{1}{3} = \frac{4}{21}$ <p>(3)</p>	16 (185)
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$\begin{array}{r} 254 \\ \times 96 \\ \hline 24384 \end{array}$ <p>(5)</p>	$\frac{2}{3} + \frac{7}{9} = 1\frac{4}{9}$ <p>(3)</p>	$\begin{array}{r} 469 \\ \times 29 \\ \hline 13601 \end{array}$ <p>(5)</p>	$\frac{8}{9} + \frac{1}{3} = 1\frac{2}{9}$ <p>(3)</p>	$\begin{array}{r} 4.2 \\ 17 \overline{)71.4} \\ \hline \end{array}$ <p>(3)</p>	19 (204)
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$\begin{array}{r} 7.1 \\ 4 \overline{)28.4} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$ <p>(2)</p>	$\begin{array}{r} 29.27 \\ - 8.57 \\ \hline 20.7 \end{array}$ <p>(4)</p>	$\begin{array}{r} 23.9 \\ \times 3.5 \\ \hline 83.65 \end{array}$ <p>(5)</p>	$\frac{5}{6} - \frac{1}{2} = \frac{1}{3}$ <p>(2)</p>	16 (220)
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AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{2}{3} \div \frac{7}{9} =$$

Convert to Decimal

$$\frac{1}{5} =$$

$$80\% \text{ of } 12 =$$

Convert to Fraction

$$.5 =$$

$$\frac{9}{10} + \frac{2}{5} =$$

Convert to Fraction

$$.25 =$$

$$\begin{array}{r} 97.76 \\ + 69.7 \\ \hline \end{array}$$

$$\begin{array}{r} 4.9 \\ - 3.99 \\ \hline \end{array}$$

Convert to Fraction

$$.1 =$$

$$\begin{array}{r} 5.1 \\ \times 3.4 \\ \hline \end{array}$$

$$\frac{6}{7} * \frac{2}{7} =$$

$$4.9 \overline{)36.5}$$

$$5 \overline{)34.5}$$

$$\begin{array}{r} 15.9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 87.4 \\ \times 5.2 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{2} =$$

$$\frac{1}{9} \div \frac{5}{9} =$$

$$\begin{array}{r} 67 \\ - 2.42 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{8} =$$

Convert to Fraction

$$.4 =$$

$$70 \overline{)148}$$

$$5 \overline{)25}$$

$$4.8 \overline{)64.3}$$

$$\begin{array}{r} 19.69 \\ + 17.06 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ + 44.57 \\ \hline \end{array}$$

$$\begin{array}{r} 24.2 \\ \times 2 \\ \hline \end{array}$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 81.9 \\ \times 2.7 \\ \hline \end{array}$$

$$75\% \text{ of } 53 =$$

$$\frac{7}{9} + \frac{4}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #22 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$6.5 \overline{)93.6}$$

Convert to Fraction
 $.7 =$

Convert to Fraction
 $.3 =$

$$2.4 \overline{)81.3}$$

Convert to Fraction
 $.6 =$

$$\begin{array}{r} 43.1 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

60% of 59
 $=$

$$\begin{array}{r} 62 \\ \times 4.8 \\ \hline \end{array}$$

$$\begin{array}{r} 80.97 \\ + 33.21 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

36% of 25
 $=$

$$\begin{array}{r} 322 \\ \times 32 \\ \hline \end{array}$$

81% of 25
 $=$

$$\begin{array}{r} 41.1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 78.09 \\ + 4.4 \\ \hline \end{array}$$

Convert to Fraction
 $.75 =$

$$2 \overline{)268}$$

$$15 \overline{)84.0}$$

$$\frac{4}{7} \times \frac{1}{3} =$$

$$\begin{array}{r} 254 \\ \times 96 \\ \hline \end{array}$$

$$\frac{2}{3} + \frac{7}{9} =$$

$$\begin{array}{r} 469 \\ \times 29 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{1}{3} =$$

$$17 \overline{)71.4}$$

$$4 \overline{)28.4}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 29.27 \\ - 8.57 \\ \hline \end{array}$$

$$\begin{array}{r} 23.9 \\ \times 3.5 \\ \hline \end{array}$$

$$\frac{5}{6} - \frac{1}{2} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{5}{9} \div \frac{3}{5} = \frac{25}{27}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p>	<p>54% of 25</p> $= 13.5$ <p>(4)</p>	<p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p>	$\frac{2}{3} + \frac{8}{9} = 1\frac{5}{9}$ <p>(3)</p>	16 (16)
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<p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p>	$\begin{array}{r} 85.76 \\ + 26.54 \\ \hline 112.3 \end{array}$ <p>(5)</p>	$\begin{array}{r} 9.6 \\ - 2.76 \\ \hline 6.84 \end{array}$ <p>(4)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 28.5 \\ \times 6.7 \\ \hline 190.95 \end{array}$ <p>(6)</p>	19 (35)
--	--	--	---	---	---------

$\frac{1}{3} \times \frac{2}{3} = \frac{2}{9}$ <p>(2)</p>	$\begin{array}{r} 4.065 \\ 9.2 \overline{) 37.4} \end{array}$ <p>(5)</p>	$\begin{array}{r} 8.3 \\ 7 \overline{) 58.1} \end{array}$ <p>(3)</p>	$\begin{array}{r} 4 \\ \times 1.4 \\ \hline 5.6 \end{array}$ <p>(3)</p>	$\begin{array}{r} 61.8 \\ \times 6.1 \\ \hline 376.98 \end{array}$ <p>(6)</p>	19 (54)
---	--	--	---	---	---------

<p>Convert to Decimal</p> $\frac{7}{10} = .7$ <p>(2)</p>	$\frac{4}{7} \div \frac{7}{9} = \frac{36}{49}$ <p>(4)</p>	$\begin{array}{r} 17.8 \\ - 4.51 \\ \hline 13.29 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p>	<p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p>	16 (70)
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$\begin{array}{r} 165 \\ 5 \overline{) 825} \end{array}$ <p>(3)</p>	$\begin{array}{r} 6 \\ 8 \overline{) 48} \end{array}$ <p>(1)</p>	$\begin{array}{r} 7.302 \\ 4.3 \overline{) 31.4} \end{array}$ <p>(5)</p>	$\begin{array}{r} 76.76 \\ + 68.97 \\ \hline 145.73 \end{array}$ <p>(6)</p>	$\begin{array}{r} 57.27 \\ + 47.39 \\ \hline 104.66 \end{array}$ <p>(6)</p>	21 (91)
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$\begin{array}{r} 8 \\ \times 5.4 \\ \hline 43.2 \end{array}$ <p>(4)</p>	<p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p>	$\begin{array}{r} 94.8 \\ \times 3.2 \\ \hline 303.36 \end{array}$ <p>(6)</p>	<p>83% of 25</p> $= 20.75$ <p>(5)</p>	$\frac{2}{3} + \frac{5}{9} = 1\frac{2}{9}$ <p>(3)</p>	21 (112)
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AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 7.714 \\ 2.1 \overline{)16.2} \\ \hline \end{array}$$

(5)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 26.111 \\ 2.7 \overline{)70.5} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3) 18 (130)

$$\begin{array}{r} 28.4 \\ \times 8 \\ \hline 227.2 \end{array}$$

(5)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

25% of 25

$$= 6.25$$

(4)

$$\begin{array}{r} 80.6 \\ \times 2.5 \\ \hline 201.5 \end{array}$$

(5)

$$\begin{array}{r} 73.06 \\ + 46.11 \\ \hline 119.17 \end{array}$$

(6) 22 (152)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

80% of 40

$$= 32$$

(2)

$$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$$

(2)

53% of 25

$$= 13.25$$

(5)

$$\begin{array}{r} 81.2 \\ \times 5 \\ \hline 406 \end{array}$$

(3) 15 (167)

$$\begin{array}{r} 99.24 \\ + 18.42 \\ \hline 117.66 \end{array}$$

(6)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

$$\begin{array}{r} 0 \text{ r } 24 \\ 40 \overline{)24} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 8.4 \\ 18 \overline{)151.2} \\ \hline \end{array}$$

(3)

$$\frac{7}{9} \times \frac{3}{5} = \frac{7}{15}$$

(3) 17 (184)

$$\begin{array}{r} 24 \\ \times 3 \\ \hline 72 \end{array}$$

(2)

$$\frac{8}{9} + \frac{5}{9} = 1\frac{4}{9}$$

(3)

$$\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$$

(3)

$$\frac{9}{10} + \frac{2}{5} = 1\frac{3}{10}$$

(4)

$$\begin{array}{r} 1.8 \\ 6 \overline{)10.8} \\ \hline \end{array}$$

(3) 15 (199)

$$\begin{array}{r} 4.2 \\ 5 \overline{)21.0} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 484 \\ \times 40 \\ \hline 19360 \end{array}$$

(5)

$$\begin{array}{r} 60.88 \\ - 4.35 \\ \hline 56.53 \end{array}$$

(5)

$$\begin{array}{r} 46.2 \\ \times 6 \\ \hline 277.2 \end{array}$$

(5)

$$\frac{1}{2} - \frac{1}{4} = \frac{1}{4}$$

(2) 20 (219)

AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{5}{9} \div \frac{3}{5} =$$

Convert to Decimal

$$\frac{1}{4} =$$

$$54\% \text{ of } 25 =$$

Convert to Fraction

$$.5 =$$

$$\frac{2}{3} + \frac{8}{9} =$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 85.76 \\ + 26.54 \\ \hline \end{array}$$

$$\begin{array}{r} 9.6 \\ - 2.76 \\ \hline \end{array}$$

Convert to Fraction

$$.75 =$$

$$\begin{array}{r} 28.5 \\ \times 6.7 \\ \hline \end{array}$$

$$\frac{1}{3} * \frac{2}{3} =$$

$$9.2 \overline{)37.4}$$

$$7 \overline{)58.1}$$

$$\begin{array}{r} 4 \\ \times 1.4 \\ \hline \end{array}$$

$$\begin{array}{r} 61.8 \\ \times 6.1 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{7}{10} =$$

$$\frac{4}{7} \div \frac{7}{9} =$$

$$\begin{array}{r} 17.8 \\ - 4.51 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Fraction

$$.1 =$$

$$5 \overline{)825}$$

$$8 \overline{)48}$$

$$4.3 \overline{)31.4}$$

$$\begin{array}{r} 76.76 \\ + 68.97 \\ \hline \end{array}$$

$$\begin{array}{r} 57.27 \\ + 47.39 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ \times 5.4 \\ \hline \end{array}$$

Convert to Fraction

$$.9 =$$

$$\begin{array}{r} 94.8 \\ \times 3.2 \\ \hline \end{array}$$

$$83\% \text{ of } 25 =$$

$$\frac{2}{3} + \frac{5}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #23 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$2.1 \overline{)16.2}$$

Convert to Fraction
 $.6 =$

Convert to Fraction
 $.25 =$

$$2.7 \overline{)70.5}$$

Convert to Fraction
 $.3 =$

$$\begin{array}{r} 28.4 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

25% of 25
 $=$

$$\begin{array}{r} 80.6 \\ \times 2.5 \\ \hline \end{array}$$

$$\begin{array}{r} 73.06 \\ + 46.11 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

80% of 40
 $=$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline \end{array}$$

53% of 25
 $=$

$$\begin{array}{r} 81.2 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 99.24 \\ + 18.42 \\ \hline \end{array}$$

Convert to Fraction
 $.8 =$

$$40 \overline{)24}$$

$$18 \overline{)151.2}$$

$$\frac{7}{9} \times \frac{3}{5} =$$

$$\begin{array}{r} 24 \\ \times 3 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{5}{9} =$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\frac{9}{10} + \frac{2}{5} =$$

$$6 \overline{)10.8}$$

$$5 \overline{)21.0}$$

$$\begin{array}{r} 484 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 60.88 \\ - 4.35 \\ \hline \end{array}$$

$$\begin{array}{r} 46.2 \\ \times 6 \\ \hline \end{array}$$

$$\frac{1}{2} - \frac{1}{4} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{1}{9} \div \frac{8}{9} = \frac{1}{8}$ (2)	Convert to Decimal $\frac{7}{10} = .7$ (2)	56% of 25 $= 14$ (2)	Convert to Fraction .25 $= \frac{1}{4}$ (2)	$\frac{9}{10} + \frac{2}{5} = 1\frac{3}{10}$ (4)	12 (12)
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Convert to Fraction .4 $= \frac{2}{5}$ (2)	$\begin{array}{r} 89.09 \\ + 31.49 \\ \hline 120.58 \end{array}$ (6)	$\begin{array}{r} 4.94 \\ - 4.06 \\ \hline .88 \end{array}$ (3)	Convert to Fraction .75 $= \frac{3}{4}$ (2)	$\begin{array}{r} 54.1 \\ \times 5.3 \\ \hline 286.73 \end{array}$ (6)	19 (31)
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$\frac{1}{2} \times \frac{3}{5} = \frac{3}{10}$ (3)	$7.6 \overline{)10.487}$ (6)	$7 \overline{)60.9}$ (3)	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$ (2)	$\begin{array}{r} 61.3 \\ \times 5.1 \\ \hline 312.63 \end{array}$ (6)	20 (51)
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Convert to Decimal $\frac{1}{5} = .2$ (2)	$\frac{7}{8} \div \frac{2}{7} = 3\frac{1}{16}$ (4)	$\begin{array}{r} 59.46 \\ - 6.3 \\ \hline 53.16 \end{array}$ (5)	Convert to Decimal $\frac{1}{8} = .125$ (4)	Convert to Fraction .6 $= \frac{3}{5}$ (2)	17 (68)
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$\begin{array}{r} 113 \text{ r } 2 \\ 8 \overline{)906} \end{array}$ (4)	$\begin{array}{r} 12 \\ 9 \overline{)108} \end{array}$ (2)	$\begin{array}{r} 3.368 \\ 6.8 \overline{)22.9} \end{array}$ (5)	$\begin{array}{r} 65.41 \\ + 44.23 \\ \hline 109.64 \end{array}$ (6)	$\begin{array}{r} 53.48 \\ + 8.98 \\ \hline 62.46 \end{array}$ (5)	22 (90)
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$\begin{array}{r} 92.7 \\ \times 8 \\ \hline 741.6 \end{array}$ (5)	Convert to Fraction .7 $= \frac{7}{10}$ (3)	$\begin{array}{r} 49.9 \\ \times 5.4 \\ \hline 269.46 \end{array}$ (6)	46% of 25 $= 11.5$ (4)	$\frac{2}{3} + \frac{8}{9} = 1\frac{5}{9}$ (3)	21 (111)
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AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 4.011 \\ 9.5 \overline{)38.1} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p>	$\begin{array}{r} 25.345 \\ 2.9 \overline{)73.5} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	18 (129)
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$\begin{array}{r} 55.5 \\ \times 1 \\ \hline 55.5 \\ \hline \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{5}{8} = .625$ <p>(4)</p>	<p>75% of 46</p> $= 34.5$ <p>(4)</p>	$\begin{array}{r} 24.4 \\ \times 6.7 \\ \hline 163.48 \\ \hline \end{array}$ <p>(6)</p>	$\begin{array}{r} 63.33 \\ + 55.56 \\ \hline 118.89 \\ \hline \end{array}$ <p>(6)</p>	24 (153)
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<p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p>	<p>75% of 42</p> $= 31.5$ <p>(4)</p>	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \\ \hline \end{array}$ <p>(2)</p>	<p>75% of 56</p> $= 42$ <p>(2)</p>	$\begin{array}{r} 44.6 \\ \times 6 \\ \hline 267.6 \\ \hline \end{array}$ <p>(5)</p>	15 (168)
---	--------------------------------------	--	------------------------------------	--	----------

$\begin{array}{r} 96.66 \\ + 27.85 \\ \hline 124.51 \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p>	$\begin{array}{r} 5 \\ 8 \overline{)40} \\ \hline \end{array}$ <p>(1)</p>	$\begin{array}{r} 5.7 \\ 19 \overline{)108.3} \\ \hline \end{array}$ <p>(3)</p>	$\frac{1}{3} \times \frac{8}{9} = \frac{8}{27}$ <p>(3)</p>	16 (184)
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$\begin{array}{r} 157 \\ \times 65 \\ \hline 10205 \\ \hline \end{array}$ <p>(5)</p>	$\frac{2}{3} + \frac{7}{9} = 1\frac{4}{9}$ <p>(3)</p>	$\begin{array}{r} 29 \\ \times 10 \\ \hline 290 \\ \hline \end{array}$ <p>(3)</p>	$\frac{3}{4} + \frac{9}{8} = 1\frac{7}{8}$ <p>(3)</p>	$\begin{array}{r} 4.7 \\ 13 \overline{)61.1} \\ \hline \end{array}$ <p>(3)</p>	17 (201)
--	---	---	---	--	----------

$\begin{array}{r} 6 \\ 7 \overline{)42.0} \\ \hline \end{array}$ <p>(1)</p>	$\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \\ \hline \end{array}$ <p>(2)</p>	$\begin{array}{r} 63.81 \\ - 7.95 \\ \hline 55.86 \\ \hline \end{array}$ <p>(5)</p>	$\begin{array}{r} 26.5 \\ \times 7.7 \\ \hline 204.05 \\ \hline \end{array}$ <p>(6)</p>	$\frac{5}{6} - \frac{2}{3} = \frac{1}{6}$ <p>(2)</p>	16 (217)
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AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{1}{9} \div \frac{8}{9} =$$

Convert to Decimal

$$\frac{7}{10} =$$

$$56\% \text{ of } 25 =$$

Convert to Fraction

$$.25 =$$

$$\frac{9}{10} + \frac{2}{5} =$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 89.09 \\ + 31.49 \\ \hline \end{array}$$

$$\begin{array}{r} 4.94 \\ - 4.06 \\ \hline \end{array}$$

Convert to Fraction

$$.75 =$$

$$\begin{array}{r} 54.1 \\ \times 5.3 \\ \hline \end{array}$$

$$\frac{1}{2} * \frac{3}{5} =$$

$$7.6 \overline{)79.7}$$

$$7 \overline{)60.9}$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 61.3 \\ \times 5.1 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

$$\frac{7}{8} \div \frac{2}{7} =$$

$$\begin{array}{r} 59.46 \\ - 6.3 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{8} =$$

Convert to Fraction

$$.6 =$$

$$8 \overline{)906}$$

$$9 \overline{)108}$$

$$6.8 \overline{)22.9}$$

$$\begin{array}{r} 65.41 \\ + 44.23 \\ \hline \end{array}$$

$$\begin{array}{r} 53.48 \\ + 8.98 \\ \hline \end{array}$$

$$\begin{array}{r} 92.7 \\ \times 8 \\ \hline \end{array}$$

Convert to Fraction

$$.7 =$$

$$\begin{array}{r} 49.9 \\ \times 5.4 \\ \hline \end{array}$$

$$46\% \text{ of } 25 =$$

$$\frac{2}{3} + \frac{8}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #24 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$9.5 \overline{)38.1}$$

Convert to Fraction
 $.3 =$

Convert to Fraction
 $.5 =$

$$2.9 \overline{)73.5}$$

Convert to Fraction
 $.8 =$

$$\begin{array}{r} 55.5 \\ \times 1 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

75% of 46
 $=$

$$\begin{array}{r} 24.4 \\ \times 6.7 \\ \hline \end{array}$$

$$\begin{array}{r} 63.33 \\ + 55.56 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

75% of 42
 $=$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

75% of 56
 $=$

$$\begin{array}{r} 44.6 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 96.66 \\ + 27.85 \\ \hline \end{array}$$

Convert to Fraction
 $.1 =$

$$8 \overline{)40}$$

$$19 \overline{)108.3}$$

$$\frac{1}{3} \cdot \frac{8}{9} =$$

$$\begin{array}{r} 157 \\ \times 65 \\ \hline \end{array}$$

$$\frac{2}{3} + \frac{7}{9} =$$

$$\begin{array}{r} 29 \\ \times 10 \\ \hline \end{array}$$

$$\frac{3}{4} + \frac{9}{8} =$$

$$13 \overline{)61.1}$$

$$7 \overline{)42.0}$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 63.81 \\ - 7.95 \\ \hline \end{array}$$

$$\begin{array}{r} 26.5 \\ \times 7.7 \\ \hline \end{array}$$

$$\frac{5}{6} - \frac{2}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{4}{5} \div \frac{3}{8} = 2\frac{2}{15}$ (4)	Convert to Decimal $\frac{1}{5} = .2$ (2)	75% of 64 $= 48$ (2)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{8}{9} + \frac{4}{9} = 1\frac{1}{3}$ (3)	13 (13)
---	---	----------------------------	--	---	---------

Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 90.24 \\ + 48.19 \\ \hline 138.43 \end{array}$ (6)	$\begin{array}{r} 21.5 \\ - 2.61 \\ \hline 18.89 \end{array}$ (5)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 76.2 \\ \times 3.7 \\ \hline 281.94 \end{array}$ (6)	21 (34)
--	---	--	--	---	---------

$\frac{1}{2} \times \frac{6}{7} = \frac{3}{7}$ (2)	$3.9 \overline{) 42.8}$ (6)	$10 \overline{) 47.0}$ (3)	$\begin{array}{r} 58.8 \\ \times 5 \\ \hline 294 \end{array}$ (3)	$\begin{array}{r} 8 \\ \times 7.9 \\ \hline 63.2 \end{array}$ (4)	18 (52)
---	--------------------------------	-------------------------------	--	--	---------

Convert to Decimal $\frac{1}{4} = .25$ (3)	$\frac{8}{9} \div \frac{5}{6} = 1\frac{1}{15}$ (4)	$\begin{array}{r} 25.42 \\ - 3.52 \\ \hline 21.9 \end{array}$ (4)	Convert to Decimal $\frac{4}{5} = .8$ (2)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	15 (67)
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$43 \overline{) 106} \quad 2 \text{ r } 20$ (3)	$6 \overline{) 60} \quad 10$ (2)	$4.7 \overline{) 77.6} \quad 16.511$ (6)	$\begin{array}{r} 93.69 \\ + 60.35 \\ \hline 154.04 \end{array}$ (6)	$\begin{array}{r} 28.66 \\ + 12.82 \\ \hline 41.48 \end{array}$ (5)	22 (89)
--	-------------------------------------	---	---	--	---------

$\begin{array}{r} 88.1 \\ \times 3 \\ \hline 264.3 \end{array}$ (5)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 40.8 \\ \times 8.9 \\ \hline 363.12 \end{array}$ (6)	43% of 40 $= 17.2$ (4)	$\frac{8}{9} + \frac{1}{3} = 1\frac{2}{9}$ (3)	20 (109)
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AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 4.373 \\ 5.1 \overline{)22.3} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	$\begin{array}{r} 6.183 \\ 8.2 \overline{)50.7} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	17 (126)
---	--	---	---	---	----------

$\begin{array}{r} 62.1 \\ \times 9 \\ \hline 558.9 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p>	<p>75% of 20</p> $= 15$ <p>(2)</p>	$\begin{array}{r} 98.7 \\ \times 9.9 \\ \hline 977.13 \end{array}$ <p>(6)</p>	$\begin{array}{r} 28.37 \\ + 17.28 \\ \hline 45.65 \end{array}$ <p>(5)</p>	20 (146)
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<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>57% of 10</p> $= 5.7$ <p>(3)</p>	$\begin{array}{r} 297 \\ \times 17 \\ \hline 5049 \end{array}$ <p>(4)</p>	<p>60% of 51</p> $= 30.6$ <p>(4)</p>	$\begin{array}{r} 87.1 \\ \times 3 \\ \hline 261.3 \end{array}$ <p>(5)</p>	19 (165)
--	-------------------------------------	---	--------------------------------------	--	----------

$\begin{array}{r} 10.09 \\ + 4.04 \\ \hline 14.13 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p>	$\begin{array}{r} 4 \text{ r } 15 \\ 62 \overline{)263} \end{array}$ <p>(3)</p>	$\begin{array}{r} 1.5 \\ 13 \overline{)19.5} \end{array}$ <p>(3)</p>	$\frac{7}{9} \times \frac{7}{8} = \frac{49}{72}$ <p>(4)</p>	18 (183)
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$\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$ <p>(3)</p>	$\frac{8}{9} + \frac{5}{9} = 1\frac{4}{9}$ <p>(3)</p>	$\begin{array}{r} 183 \\ \times 95 \\ \hline 17385 \end{array}$ <p>(5)</p>	$\frac{2}{3} + \frac{7}{6} = 1\frac{5}{6}$ <p>(3)</p>	$\begin{array}{r} 8.8 \\ 6 \overline{)52.8} \end{array}$ <p>(3)</p>	17 (200)
---	---	--	---	---	----------

$\begin{array}{r} 4.7 \\ 20 \overline{)94.0} \end{array}$ <p>(3)</p>	$\begin{array}{r} 746 \\ \times 43 \\ \hline 32078 \end{array}$ <p>(5)</p>	$\begin{array}{r} 78.59 \\ - 7.35 \\ \hline 71.24 \end{array}$ <p>(5)</p>	$\begin{array}{r} 75.2 \\ \times 4.6 \\ \hline 345.92 \end{array}$ <p>(6)</p>	$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$ <p>(2)</p>	21 (221)
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AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ **Grade:** _____ **Teacher Name:** _____

$\frac{4}{5} / \frac{3}{8} =$	Convert to Decimal $\frac{1}{5} =$	75% of 64 =	Convert to Fraction .5 =	$\frac{8}{9} + \frac{4}{9} =$
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Convert to Fraction .6 =	$\begin{array}{r} 90.24 \\ + 48.19 \\ \hline \end{array}$	$\begin{array}{r} 21.5 \\ - 2.61 \\ \hline \end{array}$	Convert to Fraction .8 =	$\begin{array}{r} 76.2 \\ \times 3.7 \\ \hline \end{array}$
-----------------------------	---	---	-----------------------------	---

$\frac{1}{2} * \frac{6}{7} =$	$3.9 \overline{)42.8}$	$10 \overline{)47.0}$	$\begin{array}{r} 58.8 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 7.9 \\ \hline \end{array}$
-------------------------------	------------------------	-----------------------	---	--

Convert to Decimal $\frac{1}{4} =$	$\frac{8}{9} / \frac{5}{6} =$	$\begin{array}{r} 25.42 \\ - 3.52 \\ \hline \end{array}$	Convert to Decimal $\frac{4}{5} =$	Convert to Fraction .4 =
---------------------------------------	-------------------------------	--	---------------------------------------	-----------------------------

$43 \overline{)106}$	$6 \overline{)60}$	$4.7 \overline{)77.6}$	$\begin{array}{r} 93.69 \\ + 60.35 \\ \hline \end{array}$	$\begin{array}{r} 28.66 \\ + 12.82 \\ \hline \end{array}$
----------------------	--------------------	------------------------	---	---

$\begin{array}{r} 88.1 \\ \times 3 \\ \hline \end{array}$	Convert to Fraction .75 =	$\begin{array}{r} 40.8 \\ \times 8.9 \\ \hline \end{array}$	43% of 40 =	$\frac{8}{9} + \frac{1}{3} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #25 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$5.1 \overline{)22.3}$$

Convert to Fraction
 $.2 =$

Convert to Fraction
 $.25 =$

$$8.2 \overline{)50.7}$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 62.1 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

75% of 20
 $=$

$$\begin{array}{r} 98.7 \\ \times 9.9 \\ \hline \end{array}$$

$$\begin{array}{r} 28.37 \\ + 17.28 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

57% of 10
 $=$

$$\begin{array}{r} 297 \\ \times 17 \\ \hline \end{array}$$

60% of 51
 $=$

$$\begin{array}{r} 87.1 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10.09 \\ + 4.04 \\ \hline \end{array}$$

Convert to Fraction
 $.1 =$

$$62 \overline{)263}$$

$$13 \overline{)19.5}$$

$$\frac{7}{9} \times \frac{7}{8} =$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{5}{9} =$$

$$\begin{array}{r} 183 \\ \times 95 \\ \hline \end{array}$$

$$\frac{2}{3} + \frac{7}{6} =$$

$$6 \overline{)52.8}$$

$$20 \overline{)94.0}$$

$$\begin{array}{r} 746 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 78.59 \\ - 7.35 \\ \hline \end{array}$$

$$\begin{array}{r} 75.2 \\ \times 4.6 \\ \hline \end{array}$$

$$\frac{2}{3} - \frac{1}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{3}{5} \div \frac{7}{9} = \frac{27}{35}$ (4)	Convert to Decimal $\frac{5}{8} = .625$ (4)	90% of 77 $= 69.3$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{2}{5} + \frac{9}{5} = 2\frac{1}{5}$ (3)	17 (17)
---	---	------------------------------	--	---	---------

Convert to Fraction .7 = $\frac{7}{10}$ (3)	$\begin{array}{r} 72.43 \\ + 13.49 \\ \hline 85.92 \end{array}$ (5)	$\begin{array}{r} 50.51 \\ - 7.73 \\ \hline 42.78 \end{array}$ (5)	Convert to Fraction .3 = $\frac{3}{10}$ (3)	$\begin{array}{r} 32.3 \\ \times 2.6 \\ \hline 83.98 \end{array}$ (5)	21 (38)
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$\frac{3}{7} \times \frac{5}{8} = \frac{15}{56}$ (4)	$7.6 \overline{)30.4}$ (1)	$15 \overline{)22.5}$ (3)	$\begin{array}{r} 71.4 \\ \times 8 \\ \hline 571.2 \end{array}$ (5)	$\begin{array}{r} 70.6 \\ \times 7.9 \\ \hline 557.74 \end{array}$ (6)	19 (57)
---	-------------------------------	------------------------------	--	---	---------

Convert to Decimal $\frac{1}{2} = .5$ (2)	$\frac{8}{9} \div \frac{4}{9} = 2$ (1)	$\begin{array}{r} 9.15 \\ - 1.09 \\ \hline 8.06 \end{array}$ (4)	Convert to Decimal $\frac{4}{5} = .8$ (2)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	11 (68)
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$23 \overline{)262}$ (3)	$53 \overline{)120}$ (3)	$5.4 \overline{)92.0}$ (6)	$\begin{array}{r} 52.06 \\ + 18.04 \\ \hline 70.1 \end{array}$ (4)	$\begin{array}{r} 89.11 \\ + 38.9 \\ \hline 128.01 \end{array}$ (6)	22 (90)
-----------------------------	-----------------------------	-------------------------------	---	--	---------

$\begin{array}{r} 58.9 \\ \times 5 \\ \hline 294.5 \end{array}$ (5)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 94.7 \\ \times 5 \\ \hline 473.5 \end{array}$ (5)	75% of 65 $= 48.75$ (5)	$\frac{7}{8} + \frac{1}{4} = 1\frac{1}{8}$ (3)	20 (110)
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AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 4.475 \\ 9.9 \overline{)44.3} \\ \hline \end{array}$$

(5)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 11.73 \\ 3.7 \overline{)43.4} \\ \hline \end{array}$$

(5)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2) 16 (126)

$$\begin{array}{r} 96.9 \\ \times 8 \\ \hline 775.2 \end{array}$$

(5)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

70% of 36

$$= 25.2$$

(4)

$$\begin{array}{r} 7 \\ \times 1.3 \\ \hline 9.1 \end{array}$$

(3)

$$\begin{array}{r} 47.99 \\ + 33.17 \\ \hline 81.16 \end{array}$$

(5) 19 (145)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

34% of 25

$$= 8.5$$

(3)

$$\begin{array}{r} 331 \\ \times 6 \\ \hline 1986 \end{array}$$

(4)

84% of 25

$$= 21$$

(2)

$$\begin{array}{r} 24.5 \\ \times 7 \\ \hline 171.5 \end{array}$$

(5) 18 (163)

$$\begin{array}{r} 62.65 \\ + 26.96 \\ \hline 89.61 \end{array}$$

(5)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\begin{array}{r} 13 \text{ r } 22 \\ 53 \overline{)711} \\ \hline \end{array}$$

(4)

$$\begin{array}{r} 5.4 \\ 5 \overline{)27.0} \\ \hline \end{array}$$

(3)

$$\frac{1}{2} \times \frac{7}{8} = \frac{7}{16}$$

(3) 18 (181)

$$\begin{array}{r} 373 \\ \times 69 \\ \hline 25737 \end{array}$$

(5)

$$\frac{2}{3} + \frac{7}{9} = 1\frac{4}{9}$$

(3)

$$\begin{array}{r} 889 \\ \times 78 \\ \hline 69342 \end{array}$$

(5)

$$\frac{7}{9} + \frac{4}{9} = 1\frac{2}{9}$$

(3)

$$\begin{array}{r} 2.9 \\ 17 \overline{)49.3} \\ \hline \end{array}$$

(3) 19 (200)

$$\begin{array}{r} 6.8 \\ 11 \overline{)74.8} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 412 \\ \times 14 \\ \hline 5768 \end{array}$$

(4)

$$\begin{array}{r} 38.42 \\ - 7.64 \\ \hline 30.78 \end{array}$$

(5)

$$\begin{array}{r} 49.3 \\ \times 1.9 \\ \hline 93.67 \end{array}$$

(5)

$$\frac{7}{9} - \frac{1}{9} = \frac{2}{3}$$

(2) 19 (219)

AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{3}{5} / \frac{7}{9} =$	Convert to Decimal $\frac{5}{8} =$	90% of 77 =	Convert to Fraction .5 =	$\frac{2}{5} + \frac{9}{5} =$
-------------------------------	---------------------------------------	----------------	-----------------------------	-------------------------------

Convert to Fraction .7 =	$\begin{array}{r} 72.43 \\ + 13.49 \\ \hline \end{array}$	$\begin{array}{r} 50.51 \\ - 7.73 \\ \hline \end{array}$	Convert to Fraction .3 =	$\begin{array}{r} 32.3 \\ \times 2.6 \\ \hline \end{array}$
-----------------------------	---	--	-----------------------------	---

$\frac{3}{7} * \frac{5}{8} =$	$7.6 \overline{)30.4}$	$15 \overline{)22.5}$	$\begin{array}{r} 71.4 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 70.6 \\ \times 7.9 \\ \hline \end{array}$
-------------------------------	------------------------	-----------------------	---	---

Convert to Decimal $\frac{1}{2} =$	$\frac{8}{9} / \frac{4}{9} =$	$\begin{array}{r} 9.15 \\ - 1.09 \\ \hline \end{array}$	Convert to Decimal $\frac{4}{5} =$	Convert to Fraction .6 =
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$23 \overline{)262}$	$53 \overline{)120}$	$5.4 \overline{)92.0}$	$\begin{array}{r} 52.06 \\ + 18.04 \\ \hline \end{array}$	$\begin{array}{r} 89.11 \\ + 38.9 \\ \hline \end{array}$
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$\begin{array}{r} 58.9 \\ \times 5 \\ \hline \end{array}$	Convert to Fraction .8 =	$\begin{array}{r} 94.7 \\ \times 5 \\ \hline \end{array}$	75% of 65 =	$\frac{7}{8} + \frac{1}{4} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #26 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$9.9 \overline{)44.3}$$

Convert to Fraction
 $.25 =$

Convert to Fraction
 $.75 =$

$$3.7 \overline{)43.4}$$

Convert to Fraction
 $.2 =$

$$\begin{array}{r} 96.9 \\ \times 8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

70% of 36
 $=$

$$\begin{array}{r} 7 \\ \times 1.3 \\ \hline \end{array}$$

$$\begin{array}{r} 47.99 \\ + 33.17 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{8} =$

34% of 25
 $=$

$$\begin{array}{r} 331 \\ \times 6 \\ \hline \end{array}$$

84% of 25
 $=$

$$\begin{array}{r} 24.5 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 62.65 \\ + 26.96 \\ \hline \end{array}$$

Convert to Fraction
 $.1 =$

$$53 \overline{)711}$$

$$5 \overline{)27.0}$$

$$\frac{1}{2} * \frac{7}{8} =$$

$$\begin{array}{r} 373 \\ \times 69 \\ \hline \end{array}$$

$$\frac{2}{3} + \frac{7}{9} =$$

$$\begin{array}{r} 889 \\ \times 78 \\ \hline \end{array}$$

$$\frac{7}{9} + \frac{4}{9} =$$

$$17 \overline{)49.3}$$

$$11 \overline{)74.8}$$

$$\begin{array}{r} 412 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 38.42 \\ - 7.64 \\ \hline \end{array}$$

$$\begin{array}{r} 49.3 \\ \times 1.9 \\ \hline \end{array}$$

$$\frac{7}{9} - \frac{1}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{1}{2} \div \frac{2}{3} = \frac{3}{4}$ (2)	Convert to Decimal $\frac{3}{4} = .75$ (3)	95% of 60 $= 57$ (2)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{2}{3} + \frac{1}{2} = 1\frac{1}{6}$ (3)	12 (12)
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Convert to Fraction .1 = $\frac{1}{10}$ (3)	$\begin{array}{r} 97.31 \\ + 63.44 \\ \hline 160.75 \end{array}$ (6)	$\begin{array}{r} 9.58 \\ - 4.87 \\ \hline 4.71 \end{array}$ (4)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 28.4 \\ \times 5.6 \\ \hline 159.04 \end{array}$ (6)	21 (33)
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$\frac{7}{8} \times \frac{1}{3} = \frac{7}{24}$ (3)	$8.4 \overline{) 8.095}$ (5)	$11 \overline{) 96.8}$ (3)	$\begin{array}{r} 43.4 \\ \times 6 \\ \hline 260.4 \end{array}$ (5)	$\begin{array}{r} 39 \\ \times 2.6 \\ \hline 101.4 \end{array}$ (5)	21 (54)
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Convert to Decimal $\frac{1}{2} = .5$ (2)	$\frac{2}{3} \div \frac{1}{5} = 3\frac{1}{3}$ (3)	$\begin{array}{r} 5.84 \\ - 2.92 \\ \hline 2.92 \end{array}$ (4)	Convert to Decimal $\frac{1}{5} = .2$ (2)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	13 (67)
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$12 \overline{) 122}$ (3)	$38 \overline{) 327}$ (3)	$7.6 \overline{) 95.6}$ (6)	$\begin{array}{r} 88.33 \\ + 32.52 \\ \hline 120.85 \end{array}$ (6)	$\begin{array}{r} 98.75 \\ + 87.28 \\ \hline 186.03 \end{array}$ (6)	24 (91)
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$\begin{array}{r} 79.3 \\ \times 1 \\ \hline 79.3 \end{array}$ (4)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\begin{array}{r} 44.2 \\ \times 8.7 \\ \hline 384.54 \end{array}$ (6)	75% of 64 $= 48$ (2)	$\frac{9}{10} + \frac{4}{5} = 1\frac{7}{10}$ (4)	18 (109)
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AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 11.512 \\ 8.2 \overline{)94.4} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.2 = \frac{1}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p>	$\begin{array}{r} 31.885 \\ 2.6 \overline{)82.9} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	19 (128)
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$\begin{array}{r} 52.1 \\ \times 6 \\ \hline 312.6 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{7}{8} = .875$ <p>(4)</p>	<p>77% of 30</p> $= 23.1$ <p>(4)</p>	$\begin{array}{r} 20.9 \\ \times 9 \\ \hline 188.1 \end{array}$ <p>(5)</p>	$\begin{array}{r} 70.38 \\ + 9.68 \\ \hline 80.06 \end{array}$ <p>(5)</p>	23 (151)
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<p>Convert to Decimal</p> $\frac{5}{8} = .625$ <p>(4)</p>	<p>76% of 25</p> $= 19$ <p>(2)</p>	$\begin{array}{r} 742 \\ \times 63 \\ \hline 46746 \end{array}$ <p>(5)</p>	<p>75% of 14</p> $= 10.5$ <p>(4)</p>	$\begin{array}{r} 54.5 \\ \times 9 \\ \hline 490.5 \end{array}$ <p>(5)</p>	20 (171)
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$\begin{array}{r} 90.35 \\ + 52.26 \\ \hline 142.61 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	$\begin{array}{r} 89 \text{ r } 5 \\ 10 \overline{)895} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 8.7 \\ 16 \overline{)139.2} \\ \hline \end{array}$ <p>(3)</p>	$\frac{7}{9} \times \frac{2}{3} = \frac{14}{27}$ <p>(4)</p>	19 (190)
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$\begin{array}{r} 681 \\ \times 8 \\ \hline 5448 \end{array}$ <p>(4)</p>	$\frac{1}{8} + \frac{1}{2} = \frac{5}{8}$ <p>(2)</p>	$\begin{array}{r} 497 \\ \times 91 \\ \hline 45227 \end{array}$ <p>(5)</p>	$\frac{5}{8} + \frac{1}{4} = \frac{7}{8}$ <p>(2)</p>	$\begin{array}{r} 4.4 \\ 8 \overline{)35.2} \\ \hline \end{array}$ <p>(3)</p>	16 (206)
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$\begin{array}{r} 5.5 \\ 17 \overline{)93.5} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 905 \\ \times 37 \\ \hline 33485 \end{array}$ <p>(5)</p>	$\begin{array}{r} 44.19 \\ - 5.4 \\ \hline 38.79 \end{array}$ <p>(5)</p>	$\begin{array}{r} 96.1 \\ \times 4.2 \\ \hline 403.62 \end{array}$ <p>(6)</p>	$\frac{9}{10} - \frac{2}{5} = \frac{1}{2}$ <p>(2)</p>	21 (227)
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AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{1}{2} \div \frac{2}{3} =$$

Convert to Decimal

$$\frac{3}{4} =$$

$$95\% \text{ of } 60 =$$

Convert to Fraction

$$.5 =$$

$$\frac{2}{3} + \frac{1}{2} =$$

Convert to Fraction

$$.1 =$$

$$\begin{array}{r} 97.31 \\ + 63.44 \\ \hline \end{array}$$

$$\begin{array}{r} 9.58 \\ - 4.87 \\ \hline \end{array}$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 28.4 \\ \times 5.6 \\ \hline \end{array}$$

$$\frac{7}{8} \times \frac{1}{3} =$$

$$8.4 \overline{)68.0}$$

$$11 \overline{)96.8}$$

$$\begin{array}{r} 43.4 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 2.6 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{2} =$$

$$\frac{2}{3} \div \frac{1}{5} =$$

$$\begin{array}{r} 5.84 \\ - 2.92 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{5} =$$

Convert to Fraction

$$.25 =$$

$$12 \overline{)122}$$

$$38 \overline{)327}$$

$$7.6 \overline{)95.6}$$

$$\begin{array}{r} 88.33 \\ + 32.52 \\ \hline \end{array}$$

$$\begin{array}{r} 98.75 \\ + 87.28 \\ \hline \end{array}$$

$$\begin{array}{r} 79.3 \\ \times 1 \\ \hline \end{array}$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 44.2 \\ \times 8.7 \\ \hline \end{array}$$

$$75\% \text{ of } 64 =$$

$$\frac{9}{10} + \frac{4}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #27 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.2 \overline{)94.4}$$

Convert to Fraction
 $.2 =$

Convert to Fraction
 $.9 =$

$$2.6 \overline{)82.9}$$

Convert to Fraction
 $.8 =$

$$\begin{array}{r} 52.1 \\ \times 6 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{7}{8} =$

77% of 30
 $=$

$$\begin{array}{r} 20.9 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 70.38 \\ + 9.68 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

76% of 25
 $=$

$$\begin{array}{r} 742 \\ \times 63 \\ \hline \end{array}$$

75% of 14
 $=$

$$\begin{array}{r} 54.5 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 90.35 \\ + 52.26 \\ \hline \end{array}$$

Convert to Fraction
 $.3 =$

$$10 \overline{)895}$$

$$16 \overline{)139.2}$$

$$\frac{7}{9} \times \frac{2}{3} =$$

$$\begin{array}{r} 681 \\ \times 8 \\ \hline \end{array}$$

$$\frac{1}{8} + \frac{1}{2} =$$

$$\begin{array}{r} 497 \\ \times 91 \\ \hline \end{array}$$

$$\frac{5}{8} + \frac{1}{4} =$$

$$8 \overline{)35.2}$$

$$17 \overline{)93.5}$$

$$\begin{array}{r} 905 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 44.19 \\ - 5.4 \\ \hline \end{array}$$

$$\begin{array}{r} 96.1 \\ \times 4.2 \\ \hline \end{array}$$

$$\frac{9}{10} - \frac{2}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{2}{3} \div \frac{3}{4} = \frac{8}{9}$ (2)	Convert to Decimal $\frac{4}{5} = .8$ (2)	75% of 62 = 46.5 (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{1}{2} + \frac{5}{4} = 1\frac{3}{4}$ (3)	13 (13)
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Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 82.87 \\ + 41.03 \\ \hline 123.9 \end{array}$ (5)	$\begin{array}{r} 53.92 \\ - 7.57 \\ \hline 46.35 \end{array}$ (5)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\begin{array}{r} 59.9 \\ \times 7.4 \\ \hline 443.26 \end{array}$ (6)	20 (33)
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$\frac{1}{3} \times \frac{4}{7} = \frac{4}{21}$ (3)	$8.2 \overline{) 18.6}$ (5)	$16 \overline{) 156.8}$ (3)	$\begin{array}{r} 42.2 \\ \times 8 \\ \hline 337.6 \end{array}$ (5)	$\begin{array}{r} 44.1 \\ \times 6.6 \\ \hline 291.06 \end{array}$ (6)	22 (55)
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Convert to Decimal $\frac{3}{5} = .6$ (2)	$\frac{5}{8} \div \frac{7}{8} = \frac{5}{7}$ (2)	$\begin{array}{r} 27.54 \\ - 2.38 \\ \hline 25.16 \end{array}$ (5)	Convert to Decimal $\frac{1}{2} = .5$ (2)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	13 (68)
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$58 \overline{) 788}$ (4)	$26 \overline{) 146}$ (3)	$4.3 \overline{) 15.6}$ (5)	$\begin{array}{r} 85.57 \\ + 5.71 \\ \hline 91.28 \end{array}$ (5)	$\begin{array}{r} 71.56 \\ + 48.35 \\ \hline 119.91 \end{array}$ (6)	23 (91)
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$\begin{array}{r} 5.4 \\ \times 4 \\ \hline 21.6 \end{array}$ (4)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 75 \\ \times 9 \\ \hline 675 \end{array}$ (3)	89% of 25 = 22.25 (5)	$\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$ (2)	16 (107)
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AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 3.365 \\ 8.5 \overline{)28.6} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	$\begin{array}{r} 5.942 \\ 6.9 \overline{)41.0} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	17 (124)
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$\begin{array}{r} 6.7 \\ \times 3 \\ \hline 20.1 \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p>	<p>93% of 75</p> $= 69.75$ <p>(5)</p>	$\begin{array}{r} 73.6 \\ \times 1.3 \\ \hline 95.68 \end{array}$ <p>(5)</p>	$\begin{array}{r} 67.37 \\ + 16.8 \\ \hline 84.17 \end{array}$ <p>(5)</p>	22 (146)
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<p>Convert to Decimal</p> $\frac{9}{10} = .9$ <p>(2)</p>	<p>44% of 30</p> $= 13.2$ <p>(4)</p>	$\begin{array}{r} 139 \\ \times 4 \\ \hline 556 \end{array}$ <p>(3)</p>	<p>97% of 60</p> $= 58.2$ <p>(4)</p>	$\begin{array}{r} 88 \\ \times 4 \\ \hline 352 \end{array}$ <p>(3)</p>	16 (162)
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$\begin{array}{r} 79.14 \\ + 72.94 \\ \hline 152.08 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	$\begin{array}{r} 13 \text{ r } 11 \\ 49 \overline{)648} \end{array}$ <p>(4)</p>	$\begin{array}{r} 6.1 \\ 9 \overline{)54.9} \end{array}$ <p>(3)</p>	$\frac{5}{8} \times \frac{8}{9} = \frac{5}{9}$ <p>(2)</p>	18 (180)
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$\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$ <p>(3)</p>	$\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 560 \\ \times 88 \\ \hline 49280 \end{array}$ <p>(5)</p>	$\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$ <p>(2)</p>	$\begin{array}{r} 5.1 \\ 19 \overline{)96.9} \end{array}$ <p>(3)</p>	15 (195)
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$\begin{array}{r} 7.3 \\ 8 \overline{)58.4} \end{array}$ <p>(3)</p>	$\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$ <p>(2)</p>	$\begin{array}{r} 11.9 \\ - 7.36 \\ \hline 4.54 \end{array}$ <p>(4)</p>	$\begin{array}{r} 97.3 \\ \times 9.5 \\ \hline 924.35 \end{array}$ <p>(6)</p>	$\frac{7}{4} - \frac{3}{4} = 1$ <p>(1)</p>	16 (211)
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AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{2}{3} \div \frac{3}{4} =$	Convert to Decimal $\frac{4}{5} =$	75% of 62 =	Convert to Fraction .5 =	$\frac{1}{2} + \frac{5}{4} =$
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Convert to Fraction .2 =	$\begin{array}{r} 82.87 \\ + 41.03 \\ \hline \end{array}$	$\begin{array}{r} 53.92 \\ - 7.57 \\ \hline \end{array}$	Convert to Fraction .4 =	$\begin{array}{r} 59.9 \\ \times 7.4 \\ \hline \end{array}$
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$\frac{1}{3} * \frac{4}{7} =$	$8.2 \overline{)18.6}$	$16 \overline{)156.8}$	$\begin{array}{r} 42.2 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 44.1 \\ \times 6.6 \\ \hline \end{array}$
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Convert to Decimal $\frac{3}{5} =$	$\frac{5}{8} \div \frac{7}{8} =$	$\begin{array}{r} 27.54 \\ - 2.38 \\ \hline \end{array}$	Convert to Decimal $\frac{1}{2} =$	Convert to Fraction .8 =
---------------------------------------	----------------------------------	--	---------------------------------------	-----------------------------

$58 \overline{)788}$	$26 \overline{)146}$	$4.3 \overline{)15.6}$	$\begin{array}{r} 85.57 \\ + 5.71 \\ \hline \end{array}$	$\begin{array}{r} 71.56 \\ + 48.35 \\ \hline \end{array}$
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$\begin{array}{r} 5.4 \\ \times 4 \\ \hline \end{array}$	Convert to Fraction .75 =	$\begin{array}{r} 75 \\ \times 9 \\ \hline \end{array}$	89% of 25 =	$\frac{3}{5} + \frac{1}{5} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #28 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.5 \overline{)28.6}$$

Convert to Fraction
 $.25 =$

Convert to Fraction
 $.6 =$

$$6.9 \overline{)41.0}$$

Convert to Fraction
 $.3 =$

$$\begin{array}{r} 6.7 \\ \times 3 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

93% of 75
 $=$

$$\begin{array}{r} 73.6 \\ \times 1.3 \\ \hline \end{array}$$

$$\begin{array}{r} 67.37 \\ + 16.8 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{9}{10} =$

44% of 30
 $=$

$$\begin{array}{r} 139 \\ \times 4 \\ \hline \end{array}$$

97% of 60
 $=$

$$\begin{array}{r} 88 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 79.14 \\ + 72.94 \\ \hline \end{array}$$

Convert to Fraction
 $.7 =$

$$49 \overline{)648}$$

$$9 \overline{)54.9}$$

$$\frac{5}{8} \times \frac{8}{9} =$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\frac{2}{5} + \frac{2}{5} =$$

$$\begin{array}{r} 560 \\ \times 88 \\ \hline \end{array}$$

$$\frac{1}{3} + \frac{1}{6} =$$

$$19 \overline{)96.9}$$

$$8 \overline{)58.4}$$

$$\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 11.9 \\ - 7.36 \\ \hline \end{array}$$

$$\begin{array}{r} 97.3 \\ \times 9.5 \\ \hline \end{array}$$

$$\frac{7}{4} - \frac{3}{4} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{9}{10} \div \frac{6}{7} = 1\frac{1}{20}$ (4)	Convert to Decimal $\frac{1}{5} = .2$ (2)	27% of 25 $= 6.75$ (4)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\frac{8}{9} + \frac{2}{3} = 1\frac{5}{9}$ (3)	15 (15)
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Convert to Fraction .9 = $\frac{9}{10}$ (3)	$\begin{array}{r} 73.35 \\ + 43.75 \\ \hline 117.1 \end{array}$ (5)	$\begin{array}{r} 53.1 \\ - 8.43 \\ \hline 44.67 \end{array}$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 35 \\ \times 9.4 \\ \hline 329 \end{array}$ (3)	18 (33)
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$\frac{2}{3} \times \frac{8}{9} = \frac{16}{27}$ (4)	$6.3 \overline{)12.778}$ (6)	$2 \overline{)7.7}$ (3)	$\begin{array}{r} 75.7 \\ \times 3 \\ \hline 227.1 \end{array}$ (5)	$\begin{array}{r} 96.8 \\ \times 7 \\ \hline 677.6 \end{array}$ (5)	23 (56)
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Convert to Decimal $\frac{4}{5} = .8$ (2)	$\frac{4}{7} \div \frac{6}{7} = \frac{2}{3}$ (2)	$\begin{array}{r} 39.49 \\ - 5.01 \\ \hline 34.48 \end{array}$ (5)	Convert to Decimal $\frac{1}{10} = .1$ (2)	Convert to Fraction .3 = $\frac{3}{10}$ (3)	14 (70)
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$\begin{array}{r} 153 \text{ r } 4 \\ 6 \overline{)922} \end{array}$ (4)	$7 \overline{)6}$ (1)	$2.5 \overline{)4.8}$ (3)	$\begin{array}{r} 12.74 \\ + 11.49 \\ \hline 24.23 \end{array}$ (5)	$\begin{array}{r} 93.75 \\ + 23.37 \\ \hline 117.12 \end{array}$ (6)	19 (89)
---	--------------------------	------------------------------	--	---	---------

$\begin{array}{r} 71.5 \\ \times 8 \\ \hline 572 \end{array}$ (3)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 72.5 \\ \times 6.6 \\ \hline 478.5 \end{array}$ (5)	64% of 25 $= 16$ (2)	$\frac{3}{4} + \frac{7}{4} = 2\frac{1}{2}$ (3)	15 (104)
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AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 9.023 \\ 4.3 \overline{) 38.8} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 14.176 \\ 3.4 \overline{) 48.2} \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	18 (122)
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$\begin{array}{r} 69.1 \\ x 6 \\ \hline 414.6 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p>	<p>84% of 75</p> $= 63$ <p>(2)</p>	$\begin{array}{r} 25.3 \\ x 8.1 \\ \hline 204.93 \end{array}$ <p>(6)</p>	$\begin{array}{r} 61.03 \\ + 29.07 \\ \hline 90.1 \end{array}$ <p>(4)</p>	20 (142)
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<p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p>	<p>75% of 22</p> $= 16.5$ <p>(4)</p>	$\begin{array}{r} 699 \\ x 48 \\ \hline 33552 \end{array}$ <p>(5)</p>	<p>64% of 25</p> $= 16$ <p>(2)</p>	$\begin{array}{r} 92.2 \\ x 9 \\ \hline 829.8 \end{array}$ <p>(5)</p>	18 (160)
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$\begin{array}{r} 74.88 \\ + 65.56 \\ \hline 140.44 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	$\begin{array}{r} 9 \text{ r } 10 \\ 51 \overline{) 469} \end{array}$ <p>(3)</p>	$\begin{array}{r} 4.4 \\ 13 \overline{) 57.2} \end{array}$ <p>(3)</p>	$\frac{9}{10} \times \frac{8}{9} = \frac{4}{5}$ <p>(2)</p>	16 (176)
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$\begin{array}{r} 398 \\ x 48 \\ \hline 19104 \end{array}$ <p>(5)</p>	$\frac{1}{2} + \frac{1}{4} = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 211 \\ x 2 \\ \hline 422 \end{array}$ <p>(3)</p>	$\frac{8}{9} + \frac{4}{9} = 1\frac{1}{3}$ <p>(3)</p>	$\begin{array}{r} 4.9 \\ 10 \overline{) 49.0} \end{array}$ <p>(3)</p>	16 (192)
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$\begin{array}{r} 1.9 \\ 4 \overline{) 7.6} \end{array}$ <p>(3)</p>	$\begin{array}{r} 599 \\ x 69 \\ \hline 41331 \end{array}$ <p>(5)</p>	$\begin{array}{r} 36.73 \\ - 9.3 \\ \hline 27.43 \end{array}$ <p>(5)</p>	$\begin{array}{r} 5.5 \\ x 4.1 \\ \hline 22.55 \end{array}$ <p>(5)</p>	$\frac{2}{3} - \frac{1}{9} = \frac{5}{9}$ <p>(2)</p>	20 (212)
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AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{9}{10} \div \frac{6}{7} =$	Convert to Decimal $\frac{1}{5} =$	27% of 25 =	Convert to Fraction .4 =	$\frac{8}{9} + \frac{2}{3} =$
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Convert to Fraction .9 =	$\begin{array}{r} 73.35 \\ + 43.75 \\ \hline \end{array}$	$\begin{array}{r} 53.1 \\ - 8.43 \\ \hline \end{array}$	Convert to Fraction .5 =	$\begin{array}{r} 35 \\ \times 9.4 \\ \hline \end{array}$
-----------------------------	---	---	-----------------------------	---

$\frac{2}{3} * \frac{8}{9} =$	$6.3 \overline{)80.5}$	$2 \overline{)15.4}$	$\begin{array}{r} 75.7 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 96.8 \\ \times 7 \\ \hline \end{array}$
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Convert to Decimal $\frac{4}{5} =$	$\frac{4}{7} \div \frac{6}{7} =$	$\begin{array}{r} 39.49 \\ - 5.01 \\ \hline \end{array}$	Convert to Decimal $\frac{1}{10} =$	Convert to Fraction .3 =
---------------------------------------	----------------------------------	--	--	-----------------------------

$6 \overline{)922}$	$7 \overline{)42}$	$2.5 \overline{)12.0}$	$\begin{array}{r} 12.74 \\ + 11.49 \\ \hline \end{array}$	$\begin{array}{r} 93.75 \\ + 23.37 \\ \hline \end{array}$
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$\begin{array}{r} 71.5 \\ \times 8 \\ \hline \end{array}$	Convert to Fraction .25 =	$\begin{array}{r} 72.5 \\ \times 6.6 \\ \hline \end{array}$	64% of 25 =	$\frac{3}{4} + \frac{7}{4} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #29 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$4.3 \overline{)38.8}$$

Convert to Fraction
 $.6 =$

Convert to Fraction
 $.75 =$

$$3.4 \overline{)48.2}$$

Convert to Fraction
 $.7 =$

$$\begin{array}{r} 69.1 \\ \times 6 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

84% of 75
 $=$

$$\begin{array}{r} 25.3 \\ \times 8.1 \\ \hline \end{array}$$

$$\begin{array}{r} 61.03 \\ + 29.07 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

75% of 22
 $=$

$$\begin{array}{r} 699 \\ \times 48 \\ \hline \end{array}$$

64% of 25
 $=$

$$\begin{array}{r} 92.2 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 74.88 \\ + 65.56 \\ \hline \end{array}$$

Convert to Fraction
 $.8 =$

$$51 \overline{)469}$$

$$13 \overline{)57.2}$$

$$\frac{9}{10} \times \frac{8}{9} =$$

$$\begin{array}{r} 398 \\ \times 48 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{1}{4} =$$

$$\begin{array}{r} 211 \\ \times 2 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{4}{9} =$$

$$10 \overline{)49.0}$$

$$4 \overline{)7.6}$$

$$\begin{array}{r} 599 \\ \times 69 \\ \hline \end{array}$$

$$\begin{array}{r} 36.73 \\ - 9.3 \\ \hline \end{array}$$

$$\begin{array}{r} 5.5 \\ \times 4.1 \\ \hline \end{array}$$

$$\frac{2}{3} - \frac{1}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{1}{7} \div \frac{8}{9} = \frac{9}{56}$ (3)	Convert to Decimal $\frac{1}{2} = .5$ (2)	40% of 10 $= 4$ (1)	Convert to Fraction .25 $= \frac{1}{4}$ (2)	$\frac{2}{3} + \frac{1}{9} = \frac{7}{9}$ (2)	10 (10)
--	---	---------------------------	---	--	---------

Convert to Fraction .75 $= \frac{3}{4}$ (2)	$\begin{array}{r} 31.65 \\ + 24.17 \\ \hline 55.82 \end{array}$ (5)	$\begin{array}{r} 4.33 \\ - 3.14 \\ \hline 1.19 \end{array}$ (4)	Convert to Fraction .6 $= \frac{3}{5}$ (2)	$\begin{array}{r} 59.8 \\ \times 7.6 \\ \hline 454.48 \end{array}$ (6)	19 (29)
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$\frac{5}{8} \times \frac{2}{3} = \frac{5}{12}$ (3)	$3.0 \overline{) 11.633}$ (6)	$6 \overline{) 4.8}$ (3)	$\begin{array}{r} 8.4 \\ \times 4 \\ \hline 33.6 \end{array}$ (4)	$\begin{array}{r} 35.6 \\ \times 6.7 \\ \hline 238.52 \end{array}$ (6)	22 (51)
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Convert to Decimal $\frac{3}{5} = .6$ (2)	$\frac{3}{4} \div \frac{4}{7} = 1\frac{5}{16}$ (4)	$\begin{array}{r} 31.33 \\ - 5.94 \\ \hline 25.39 \end{array}$ (5)	Convert to Decimal $\frac{9}{10} = .9$ (2)	Convert to Fraction .5 $= \frac{1}{2}$ (2)	15 (66)
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$4 \overline{) 160 \text{ r } 3}$ (4)	$6 \overline{) 12}$ (2)	$5.7 \overline{) 15.807}$ (6)	$\begin{array}{r} 64.62 \\ + 47.89 \\ \hline 112.51 \end{array}$ (6)	$\begin{array}{r} 85.77 \\ + 37.41 \\ \hline 123.18 \end{array}$ (6)	24 (90)
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$\begin{array}{r} 36.6 \\ \times 8 \\ \hline 292.8 \end{array}$ (5)	Convert to Fraction .2 $= \frac{1}{5}$ (2)	$\begin{array}{r} 65.1 \\ \times 1.9 \\ \hline 123.69 \end{array}$ (6)	79% of 75 $= 59.25$ (5)	$\frac{5}{6} + \frac{3}{2} = 2\frac{1}{3}$ (3)	21 (111)
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AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 5.076 \\ 7.9 \overline{)40.1} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.1 = \frac{1}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p>	$\begin{array}{r} 16.464 \\ 5.6 \overline{)92.2} \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	19 (130)
---	---	--	--	---	----------

$\begin{array}{r} 98.1 \\ \times 4 \\ \hline 392.4 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>86% of 75</p> $= 64.5$ <p>(4)</p>	$\begin{array}{r} 26.5 \\ \times 7.8 \\ \hline 206.7 \end{array}$ <p>(5)</p>	$\begin{array}{r} 99.81 \\ + 63.57 \\ \hline 163.38 \end{array}$ <p>(6)</p>	23 (153)
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<p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p>	<p>83% of 75</p> $= 62.25$ <p>(5)</p>	$\begin{array}{r} 131 \\ \times 81 \\ \hline 10611 \end{array}$ <p>(5)</p>	<p>75% of 16</p> $= 12$ <p>(2)</p>	$\begin{array}{r} 70.9 \\ \times 7 \\ \hline 496.3 \end{array}$ <p>(5)</p>	20 (173)
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$\begin{array}{r} 59.71 \\ + 19.52 \\ \hline 79.23 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	$\begin{array}{r} 9 \text{ r } 29 \\ 34 \overline{)335} \end{array}$ <p>(3)</p>	$\begin{array}{r} 6.7 \\ 17 \overline{)113.9} \end{array}$ <p>(3)</p>	$\frac{1}{2} \times \frac{8}{9} = \frac{4}{9}$ <p>(2)</p>	16 (189)
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$\begin{array}{r} 375 \\ \times 43 \\ \hline 16125 \end{array}$ <p>(5)</p>	$\frac{1}{3} + \frac{4}{3} = 1\frac{2}{3}$ <p>(3)</p>	$\begin{array}{r} 223 \\ \times 28 \\ \hline 6244 \end{array}$ <p>(4)</p>	$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$ <p>(2)</p>	$\begin{array}{r} 5.6 \\ 12 \overline{)67.2} \end{array}$ <p>(3)</p>	17 (206)
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$\begin{array}{r} 8.2 \\ 15 \overline{)123.0} \end{array}$ <p>(3)</p>	$\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$ <p>(3)</p>	$\begin{array}{r} 26.68 \\ - 4.29 \\ \hline 22.39 \end{array}$ <p>(5)</p>	$\begin{array}{r} 49.9 \\ \times 8.9 \\ \hline 444.11 \end{array}$ <p>(6)</p>	$\frac{3}{2} - \frac{1}{6} = 1\frac{1}{3}$ <p>(3)</p>	20 (226)
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AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{1}{7} \div \frac{8}{9} =$$

Convert to Decimal

$$\frac{1}{2} =$$

$$40\% \text{ of } 10 =$$

Convert to Fraction

$$.25 =$$

$$\frac{2}{3} + \frac{1}{9} =$$

Convert to Fraction

$$.75 =$$

$$\begin{array}{r} 31.65 \\ + 24.17 \\ \hline \end{array}$$

$$\begin{array}{r} 4.33 \\ - 3.14 \\ \hline \end{array}$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 59.8 \\ \times 7.6 \\ \hline \end{array}$$

$$\frac{5}{8} * \frac{2}{3} =$$

$$3.0 \overline{)34.9}$$

$$6 \overline{)28.8}$$

$$\begin{array}{r} 8.4 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 35.6 \\ \times 6.7 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{3}{4} \div \frac{4}{7} =$$

$$\begin{array}{r} 31.33 \\ - 5.94 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{9}{10} =$$

Convert to Fraction

$$.5 =$$

$$4 \overline{)643}$$

$$6 \overline{)72}$$

$$5.7 \overline{)90.1}$$

$$\begin{array}{r} 64.62 \\ + 47.89 \\ \hline \end{array}$$

$$\begin{array}{r} 85.77 \\ + 37.41 \\ \hline \end{array}$$

$$\begin{array}{r} 36.6 \\ \times 8 \\ \hline \end{array}$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 65.1 \\ \times 1.9 \\ \hline \end{array}$$

$$79\% \text{ of } 75 =$$

$$\frac{5}{6} + \frac{3}{2} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #30 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$7.9 \overline{)40.1}$$

Convert to Fraction
 $.1 =$

Convert to Fraction
 $.4 =$

$$5.6 \overline{)92.2}$$

Convert to Fraction
 $.3 =$

$$\begin{array}{r} 98.1 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

86% of 75
 $=$

$$\begin{array}{r} 26.5 \\ \times 7.8 \\ \hline \end{array}$$

$$\begin{array}{r} 99.81 \\ + 63.57 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

83% of 75
 $=$

$$\begin{array}{r} 131 \\ \times 81 \\ \hline \end{array}$$

75% of 16
 $=$

$$\begin{array}{r} 70.9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 59.71 \\ + 19.52 \\ \hline \end{array}$$

Convert to Fraction
 $.7 =$

$$34 \overline{)335}$$

$$17 \overline{)113.9}$$

$$\frac{1}{2} * \frac{8}{9} =$$

$$\begin{array}{r} 375 \\ \times 43 \\ \hline \end{array}$$

$$\frac{1}{3} + \frac{4}{3} =$$

$$\begin{array}{r} 223 \\ \times 28 \\ \hline \end{array}$$

$$\frac{2}{5} + \frac{1}{5} =$$

$$12 \overline{)67.2}$$

$$15 \overline{)123.0}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 26.68 \\ - 4.29 \\ \hline \end{array}$$

$$\begin{array}{r} 49.9 \\ \times 8.9 \\ \hline \end{array}$$

$$\frac{3}{2} - \frac{1}{6} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{1}{6} \div \frac{5}{8} = \frac{4}{15}$ (3)	Convert to Decimal $\frac{9}{10} = .9$ (2)	46% of 25 $= 11.5$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$ (2)	13 (13)
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Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\begin{array}{r} 75.97 \\ + 66.41 \\ \hline 142.38 \end{array}$ (6)	$\begin{array}{r} 11.8 \\ - 6.68 \\ \hline 5.12 \end{array}$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 50.7 \\ \times 2.1 \\ \hline 106.47 \end{array}$ (6)	20 (33)
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$\frac{3}{4} \times \frac{1}{4} = \frac{3}{16}$ (3)	$1.2 \overline{) 63.167}$ (6)	$3 \overline{) 8.1}$ (3)	$\begin{array}{r} 49.1 \\ \times 2 \\ \hline 98.2 \end{array}$ (4)	$\begin{array}{r} 15.6 \\ \times 5.9 \\ \hline 92.04 \end{array}$ (5)	21 (54)
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Convert to Decimal $\frac{3}{5} = .6$ (2)	$\frac{2}{3} \div \frac{3}{4} = \frac{8}{9}$ (2)	$\begin{array}{r} 49.86 \\ - 7.55 \\ \hline 42.31 \end{array}$ (5)	Convert to Decimal $\frac{3}{4} = .75$ (3)	Convert to Fraction .7 = $\frac{7}{10}$ (3)	15 (69)
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$15 \overline{) 54 \text{ r } 11}$ (4)	$17 \overline{) 10 \text{ r } 15}$ (4)	$2.3 \overline{) 12.087}$ (6)	$\begin{array}{r} 95.64 \\ + 76.78 \\ \hline 172.42 \end{array}$ (6)	$\begin{array}{r} 62.02 \\ + 4.13 \\ \hline 66.15 \end{array}$ (5)	25 (94)
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$\begin{array}{r} 78.8 \\ \times 5 \\ \hline 394 \end{array}$ (3)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 15.1 \\ \times 5.8 \\ \hline 87.58 \end{array}$ (5)	60% of 39 $= 23.4$ (4)	$\frac{1}{9} + \frac{1}{3} = \frac{4}{9}$ (2)	16 (110)
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AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 8 Answer Key

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$\begin{array}{r} 8.31 \\ 8.7 \overline{)72.3} \\ \hline \end{array}$ <p>(4)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	$\begin{array}{r} 9.429 \\ 7.0 \overline{)66.0} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	16 (126)
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$\begin{array}{r} 52.9 \\ \times 9 \\ \hline 476.1 \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{1}{8} = .125$ <p>(4)</p>	<p>92% of 25</p> $= 23$ <p>(2)</p>	$\begin{array}{r} 36.8 \\ \times 4.9 \\ \hline 180.32 \\ \hline \end{array}$ <p>(6)</p>	$\begin{array}{r} 61.71 \\ + 48.77 \\ \hline 110.48 \\ \hline \end{array}$ <p>(6)</p>	23 (149)
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<p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p>	<p>77% of 75</p> $= 57.75$ <p>(5)</p>	$\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \\ \hline \end{array}$ <p>(2)</p>	<p>39% of 25</p> $= 9.75$ <p>(4)</p>	$\begin{array}{r} 53.9 \\ \times 4 \\ \hline 215.6 \\ \hline \end{array}$ <p>(5)</p>	18 (167)
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$\begin{array}{r} 76.43 \\ + 36.54 \\ \hline 112.97 \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	$\begin{array}{r} 9 \\ 7 \overline{)63} \\ \hline \end{array}$ <p>(1)</p>	$\begin{array}{r} 7.8 \\ 5 \overline{)39.0} \\ \hline \end{array}$ <p>(3)</p>	$\frac{5}{7} \times \frac{1}{6} = \frac{5}{42}$ <p>(3)</p>	15 (182)
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$\begin{array}{r} 11 \\ \times 8 \\ \hline 88 \\ \hline \end{array}$ <p>(2)</p>	$\frac{3}{4} + \frac{3}{8} = 1\frac{1}{8}$ <p>(3)</p>	$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \\ \hline \end{array}$ <p>(2)</p>	$\frac{1}{3} + \frac{1}{6} = \frac{1}{2}$ <p>(2)</p>	$\begin{array}{r} 7.9 \\ 8 \overline{)63.2} \\ \hline \end{array}$ <p>(3)</p>	12 (194)
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$\begin{array}{r} 2.5 \\ 18 \overline{)45.0} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 629 \\ \times 64 \\ \hline 40256 \\ \hline \end{array}$ <p>(5)</p>	$\begin{array}{r} 14.19 \\ - 5.06 \\ \hline 9.13 \\ \hline \end{array}$ <p>(4)</p>	$\begin{array}{r} 60.3 \\ \times 6.7 \\ \hline 404.01 \\ \hline \end{array}$ <p>(6)</p>	$\frac{6}{5} - \frac{4}{5} = \frac{2}{5}$ <p>(2)</p>	20 (214)
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AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____**Grade:** _____**Teacher Name:** _____

$$\frac{1}{6} \div \frac{5}{8} =$$

Convert to Decimal

$$\frac{9}{10} =$$

$$46\% \text{ of } 25 =$$

Convert to Fraction

$$.5 =$$

$$\frac{4}{7} + \frac{2}{7} =$$

Convert to Fraction

$$.4 =$$

$$\begin{array}{r} 75.97 \\ + 66.41 \\ \hline \end{array}$$

$$\begin{array}{r} 11.8 \\ - 6.68 \\ \hline \end{array}$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 50.7 \\ \times 2.1 \\ \hline \end{array}$$

$$\frac{3}{4} * \frac{1}{4} =$$

$$1.2 \overline{)75.8}$$

$$3 \overline{)24.3}$$

$$\begin{array}{r} 49.1 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 15.6 \\ \times 5.9 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{5} =$$

$$\frac{2}{3} \div \frac{3}{4} =$$

$$\begin{array}{r} 49.86 \\ - 7.55 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

Convert to Fraction

$$.7 =$$

$$15 \overline{)821}$$

$$17 \overline{)185}$$

$$2.3 \overline{)27.8}$$

$$\begin{array}{r} 95.64 \\ + 76.78 \\ \hline \end{array}$$

$$\begin{array}{r} 62.02 \\ + 4.13 \\ \hline \end{array}$$

$$\begin{array}{r} 78.8 \\ \times 5 \\ \hline \end{array}$$

Convert to Fraction

$$.8 =$$

$$\begin{array}{r} 15.1 \\ \times 5.8 \\ \hline \end{array}$$

$$60\% \text{ of } 39 =$$

$$\frac{1}{9} + \frac{1}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #31 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.7 \overline{)72.3}$$

Convert to Fraction
 $.3 =$

Convert to Fraction
 $.25 =$

$$7.0 \overline{)66.0}$$

Convert to Fraction
 $.75 =$

$$\begin{array}{r} 52.9 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{8} =$

92% of 25
 $=$

$$\begin{array}{r} 36.8 \\ \times 4.9 \\ \hline \end{array}$$

$$\begin{array}{r} 61.71 \\ + 48.77 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

77% of 75
 $=$

$$\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$$

39% of 25
 $=$

$$\begin{array}{r} 53.9 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 76.43 \\ + 36.54 \\ \hline \end{array}$$

Convert to Fraction
 $.6 =$

$$7 \overline{)63}$$

$$5 \overline{)39.0}$$

$$\frac{5}{7} \times \frac{1}{6} =$$

$$\begin{array}{r} 11 \\ \times 8 \\ \hline \end{array}$$

$$\frac{3}{4} + \frac{3}{8} =$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\frac{1}{3} + \frac{1}{6} =$$

$$8 \overline{)63.2}$$

$$18 \overline{)45.0}$$

$$\begin{array}{r} 629 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 14.19 \\ - 5.06 \\ \hline \end{array}$$

$$\begin{array}{r} 60.3 \\ \times 6.7 \\ \hline \end{array}$$

$$\frac{6}{5} - \frac{4}{5} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{7}{9} \div \frac{4}{5} = \frac{35}{36}$ (4)	Convert to Decimal $\frac{7}{8} = .875$ (4)	75% of 63 $= 47.25$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{4}{9} + \frac{1}{9} = \frac{5}{9}$ (2)	17 (17)
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Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 22.03 \\ + 17.73 \\ \hline 39.76 \end{array}$ (5)	$\begin{array}{r} 22.17 \\ - 5 \\ \hline 17.17 \end{array}$ (5)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 18.6 \\ \times 2.7 \\ \hline 50.22 \end{array}$ (5)	19 (36)
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$\frac{1}{7} \times \frac{7}{9} = \frac{1}{9}$ (2)	$2.8 \overline{) 11.643}$ (6)	$8 \overline{) 28.8}$ (3)	$\begin{array}{r} 79.1 \\ \times 2 \\ \hline 158.2 \end{array}$ (5)	$\begin{array}{r} 12.1 \\ \times 5.1 \\ \hline 61.71 \end{array}$ (5)	21 (57)
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Convert to Decimal $\frac{1}{4} = .25$ (3)	$\frac{1}{3} \div \frac{8}{9} = \frac{3}{8}$ (2)	$\begin{array}{r} 25.85 \\ - 2.75 \\ \hline 23.1 \end{array}$ (4)	Convert to Decimal $\frac{1}{2} = .5$ (2)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	13 (70)
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$6 \overline{) 42}$ (1)	$52 \overline{) 240}$ 4 r 32 (3)	$5.1 \overline{) 26.82}$ (5)	$\begin{array}{r} 49.33 \\ + 47.6 \\ \hline 96.93 \end{array}$ (5)	$\begin{array}{r} 31.15 \\ + 30.81 \\ \hline 61.96 \end{array}$ (5)	19 (89)
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$\begin{array}{r} 5 \\ \times 3.2 \\ \hline 16 \end{array}$ (2)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 12.3 \\ \times 4.7 \\ \hline 57.81 \end{array}$ (5)	75% of 22 $= 16.5$ (4)	$\frac{1}{8} + \frac{3}{8} = \frac{1}{2}$ (2)	15 (104)
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AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 8.241 \\ 2.9 \overline{) 23.9} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p>	$\begin{array}{r} 6.383 \\ 8.1 \overline{) 51.7} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	17 (121)
--	--	---	--	---	----------

$\begin{array}{r} 68.8 \\ \times 9 \\ \hline 619.2 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{1}{5} = .2$ <p>(2)</p>	<p>86% of 75</p> $= 64.5$ <p>(4)</p>	$\begin{array}{r} 90.1 \\ \times 6 \\ \hline 540.6 \end{array}$ <p>(5)</p>	$\begin{array}{r} 46.68 \\ + 39.68 \\ \hline 86.36 \end{array}$ <p>(5)</p>	21 (142)
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<p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p>	<p>79% of 40</p> $= 31.6$ <p>(4)</p>	$\begin{array}{r} 262 \\ \times 46 \\ \hline 12052 \end{array}$ <p>(5)</p>	<p>40% of 25</p> $= 10$ <p>(2)</p>	$\begin{array}{r} 50.6 \\ \times 8 \\ \hline 404.8 \end{array}$ <p>(5)</p>	18 (160)
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$\begin{array}{r} 98.43 \\ + 86.22 \\ \hline 184.65 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	$\begin{array}{r} 1 \text{ r } 27 \\ 98 \overline{) 125} \end{array}$ <p>(3)</p>	$\begin{array}{r} 7.9 \\ 9 \overline{) 71.1} \end{array}$ <p>(3)</p>	$\frac{7}{8} \times \frac{6}{7} = \frac{3}{4}$ <p>(2)</p>	17 (177)
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$\begin{array}{r} 706 \\ \times 36 \\ \hline 25416 \end{array}$ <p>(5)</p>	$\frac{1}{2} + \frac{3}{2} = 2$ <p>(1)</p>	$\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$ <p>(3)</p>	$\frac{8}{9} + \frac{2}{3} = 1\frac{5}{9}$ <p>(3)</p>	$\begin{array}{r} 3.9 \\ 14 \overline{) 54.6} \end{array}$ <p>(3)</p>	15 (192)
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$\begin{array}{r} 6.5 \\ 4 \overline{) 26.0} \end{array}$ <p>(3)</p>	$\begin{array}{r} 138 \\ \times 81 \\ \hline 11178 \end{array}$ <p>(5)</p>	$\begin{array}{r} 33.23 \\ - 5.13 \\ \hline 28.1 \end{array}$ <p>(4)</p>	$\begin{array}{r} 49.9 \\ \times 7.4 \\ \hline 369.26 \end{array}$ <p>(6)</p>	$\frac{7}{6} - \frac{5}{6} = \frac{1}{3}$ <p>(2)</p>	20 (212)
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AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{7}{9} \div \frac{4}{5} =$	Convert to Decimal $\frac{7}{8} =$	75% of 63 $=$	Convert to Fraction .5 $=$	$\frac{4}{9} + \frac{1}{9} =$
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Convert to Fraction .2 $=$	$\begin{array}{r} 22.03 \\ + 17.73 \\ \hline \end{array}$	$\begin{array}{r} 22.17 \\ - 5 \\ \hline \end{array}$	Convert to Fraction .8 $=$	$\begin{array}{r} 18.6 \\ \times 2.7 \\ \hline \end{array}$
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$\frac{1}{7} * \frac{7}{9} =$	$2.8 \overline{)32.6}$	$8 \overline{)28.8}$	$\begin{array}{r} 79.1 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 12.1 \\ \times 5.1 \\ \hline \end{array}$
-------------------------------	------------------------	----------------------	---	---

Convert to Decimal $\frac{1}{4} =$	$\frac{1}{3} \div \frac{8}{9} =$	$\begin{array}{r} 25.85 \\ - 2.75 \\ \hline \end{array}$	Convert to Decimal $\frac{1}{2} =$	Convert to Fraction .6 $=$
---------------------------------------	----------------------------------	--	---------------------------------------	-------------------------------

$6 \overline{)42}$	$52 \overline{)240}$	$5.1 \overline{)68.8}$	$\begin{array}{r} 49.33 \\ + 47.6 \\ \hline \end{array}$	$\begin{array}{r} 31.15 \\ + 30.81 \\ \hline \end{array}$
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$\begin{array}{r} 5 \\ \times 3.2 \\ \hline \end{array}$	Convert to Fraction .75 $=$	$\begin{array}{r} 12.3 \\ \times 4.7 \\ \hline \end{array}$	75% of 22 $=$	$\frac{1}{8} + \frac{3}{8} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #32 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$2.9 \overline{)23.9}$$

Convert to Fraction
 $.4 =$

Convert to Fraction
 $.9 =$

$$8.1 \overline{)51.7}$$

Convert to Fraction
 $.25 =$

$$\begin{array}{r} 68.8 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

86% of 75
 $=$

$$\begin{array}{r} 90.1 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 46.68 \\ + 39.68 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

79% of 40
 $=$

$$\begin{array}{r} 262 \\ \times 46 \\ \hline \end{array}$$

40% of 25
 $=$

$$\begin{array}{r} 50.6 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 98.43 \\ + 86.22 \\ \hline \end{array}$$

Convert to Fraction
 $.7 =$

$$98 \overline{)125}$$

$$9 \overline{)71.1}$$

$$\frac{7}{8} \times \frac{6}{7} =$$

$$\begin{array}{r} 706 \\ \times 36 \\ \hline \end{array}$$

$$\frac{1}{2} + \frac{3}{2} =$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{2}{3} =$$

$$14 \overline{)54.6}$$

$$4 \overline{)26.0}$$

$$\begin{array}{r} 138 \\ \times 81 \\ \hline \end{array}$$

$$\begin{array}{r} 33.23 \\ - 5.13 \\ \hline \end{array}$$

$$\begin{array}{r} 49.9 \\ \times 7.4 \\ \hline \end{array}$$

$$\frac{7}{6} - \frac{5}{6} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{2}{3} \div \frac{8}{9} = \frac{3}{4}$ (2)	Convert to Decimal $\frac{9}{10} = .9$ (2)	78% of 75 = 58.5 (4)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\frac{2}{3} + \frac{1}{2} = 1\frac{1}{6}$ (3)	13 (13)
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Convert to Fraction .1 = $\frac{1}{10}$ (3)	$\begin{array}{r} 73.89 \\ + 42.33 \\ \hline 116.22 \end{array}$ (6)	$\begin{array}{r} 73.33 \\ - 9.52 \\ \hline 63.81 \end{array}$ (5)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\begin{array}{r} 67.6 \\ \times 8.8 \\ \hline 594.88 \end{array}$ (6)	22 (35)
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$\frac{9}{10} \times \frac{1}{5} = \frac{9}{50}$ (3)	$7.4 \overline{) 32.0}$ (5)	$18 \overline{) 52.2}$ (3)	$\begin{array}{r} 13.6 \\ \times 5 \\ \hline 68 \end{array}$ (2)	$\begin{array}{r} 59.9 \\ \times 4.9 \\ \hline 293.51 \end{array}$ (6)	19 (54)
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Convert to Decimal $\frac{7}{10} = .7$ (2)	$\frac{2}{5} \div \frac{1}{4} = 1\frac{3}{5}$ (3)	$\begin{array}{r} 31.82 \\ - 9.47 \\ \hline 22.35 \end{array}$ (5)	Convert to Decimal $\frac{1}{4} = .25$ (3)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	15 (69)
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$57 \overline{) 699}$ (4)	$40 \overline{) 472}$ (4)	$9.3 \overline{) 88.1}$ (5)	$\begin{array}{r} 73.68 \\ + 68.84 \\ \hline 142.52 \end{array}$ (6)	$\begin{array}{r} 75.59 \\ + 27.19 \\ \hline 102.78 \end{array}$ (6)	25 (94)
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$\begin{array}{r} 70.6 \\ \times 7 \\ \hline 494.2 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 54 \\ \times 4.2 \\ \hline 226.8 \end{array}$ (5)	88% of 40 = 35.2 (4)	$\frac{2}{5} + \frac{9}{5} = 2\frac{1}{5}$ (3)	19 (113)
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AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 12.62 \\ 5.0 \overline{)63.1} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p>	$\begin{array}{r} 46.3 \\ 2.0 \overline{)92.6} \\ \hline \end{array}$ <p>(4)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	16 (129)
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$\begin{array}{r} 69.6 \\ \times 4 \\ \hline 278.4 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{4}{5} = .8$ <p>(2)</p>	<p>64% of 30</p> $= 19.2$ <p>(4)</p>	$\begin{array}{r} 83.3 \\ \times 8.6 \\ \hline 716.38 \end{array}$ <p>(6)</p>	$\begin{array}{r} 92.08 \\ + 24.67 \\ \hline 116.75 \end{array}$ <p>(6)</p>	23 (152)
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<p>Convert to Decimal</p> $\frac{3}{5} = .6$ <p>(2)</p>	<p>86% of 75</p> $= 64.5$ <p>(4)</p>	$\begin{array}{r} 195 \\ \times 12 \\ \hline 2340 \end{array}$ <p>(4)</p>	<p>25% of 22</p> $= 5.5$ <p>(3)</p>	$\begin{array}{r} 11.3 \\ \times 4 \\ \hline 45.2 \end{array}$ <p>(4)</p>	17 (169)
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$\begin{array}{r} 53.25 \\ + 14.92 \\ \hline 68.17 \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p>	$\begin{array}{r} 44 \\ 22 \overline{)968} \\ \hline \end{array}$ <p>(2)</p>	$\begin{array}{r} 9.6 \\ 9 \overline{)86.4} \\ \hline \end{array}$ <p>(3)</p>	$\frac{2}{3} \times \frac{5}{8} = \frac{5}{12}$ <p>(3)</p>	16 (185)
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$\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$ <p>(3)</p>	$\frac{1}{3} + \frac{5}{6} = 1\frac{1}{6}$ <p>(3)</p>	$\begin{array}{r} 246 \\ \times 67 \\ \hline 16482 \end{array}$ <p>(5)</p>	$\frac{1}{5} + \frac{6}{5} = 1\frac{2}{5}$ <p>(3)</p>	$\begin{array}{r} 9.9 \\ 3 \overline{)29.7} \\ \hline \end{array}$ <p>(3)</p>	17 (202)
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$\begin{array}{r} 9.9 \\ 19 \overline{)188.1} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 272 \\ \times 63 \\ \hline 17136 \end{array}$ <p>(5)</p>	$\begin{array}{r} 39.9 \\ - 9.36 \\ \hline 30.54 \end{array}$ <p>(5)</p>	$\begin{array}{r} 23 \\ \times 5.2 \\ \hline 119.6 \end{array}$ <p>(5)</p>	$\frac{8}{9} - \frac{2}{9} = \frac{2}{3}$ <p>(2)</p>	20 (222)
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AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{2}{3} \div \frac{8}{9} =$	Convert to Decimal $\frac{9}{10} =$	78% of 75 =	Convert to Fraction .75 =	$\frac{2}{3} + \frac{1}{2} =$
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Convert to Fraction .1 =	$\begin{array}{r} 73.89 \\ + 42.33 \\ \hline \end{array}$	$\begin{array}{r} 73.33 \\ - 9.52 \\ \hline \end{array}$	Convert to Fraction .4 =	$\begin{array}{r} 67.6 \\ \times 8.8 \\ \hline \end{array}$
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$\frac{9}{10} * \frac{1}{5} =$	$7.4 \overline{)32.0}$	$18 \overline{)52.2}$	$\begin{array}{r} 13.6 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 59.9 \\ \times 4.9 \\ \hline \end{array}$
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Convert to Decimal $\frac{7}{10} =$	$\frac{2}{5} \div \frac{1}{4} =$	$\begin{array}{r} 31.82 \\ - 9.47 \\ \hline \end{array}$	Convert to Decimal $\frac{1}{4} =$	Convert to Fraction .2 =
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$57 \overline{)699}$	$40 \overline{)472}$	$9.3 \overline{)88.1}$	$\begin{array}{r} 73.68 \\ + 68.84 \\ \hline \end{array}$	$\begin{array}{r} 75.59 \\ + 27.19 \\ \hline \end{array}$
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$\begin{array}{r} 70.6 \\ \times 7 \\ \hline \end{array}$	Convert to Fraction .25 =	$\begin{array}{r} 54 \\ \times 4.2 \\ \hline \end{array}$	88% of 40 =	$\frac{2}{5} + \frac{9}{5} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #33 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$5.0 \overline{)63.1}$$

Convert to Fraction
 $.6 =$

Convert to Fraction
 $.5 =$

$$2.0 \overline{)92.6}$$

Convert to Fraction
 $.3 =$

$$\begin{array}{r} 69.6 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

64% of 30
 $=$

$$\begin{array}{r} 83.3 \\ \times 8.6 \\ \hline \end{array}$$

$$\begin{array}{r} 92.08 \\ + 24.67 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{5} =$

86% of 75
 $=$

$$\begin{array}{r} 195 \\ \times 12 \\ \hline \end{array}$$

25% of 22
 $=$

$$\begin{array}{r} 11.3 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 53.25 \\ + 14.92 \\ \hline \end{array}$$

Convert to Fraction
 $.9 =$

$$22 \overline{)968}$$

$$9 \overline{)86.4}$$

$$\frac{2}{3} \times \frac{5}{8} =$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline \end{array}$$

$$\frac{1}{3} + \frac{5}{6} =$$

$$\begin{array}{r} 246 \\ \times 67 \\ \hline \end{array}$$

$$\frac{1}{5} + \frac{6}{5} =$$

$$3 \overline{)29.7}$$

$$19 \overline{)188.1}$$

$$\begin{array}{r} 272 \\ \times 63 \\ \hline \end{array}$$

$$\begin{array}{r} 39.9 \\ - 9.36 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ \times 5.2 \\ \hline \end{array}$$

$$\frac{8}{9} - \frac{2}{9} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{3}{5} \div \frac{8}{9} = \frac{27}{40}$ (4)	Convert to Decimal $\frac{1}{5} = .2$ (2)	75% of 50 $= 37.5$ (4)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\frac{2}{5} + \frac{1}{5} = \frac{3}{5}$ (2)	14 (14)
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Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 94.67 \\ + 7.82 \\ \hline 102.49 \end{array}$ (6)	$\begin{array}{r} 72.27 \\ - 1.36 \\ \hline 70.91 \end{array}$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 74.7 \\ \times 7.6 \\ \hline 567.72 \end{array}$ (6)	21 (35)
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$\frac{7}{9} \times \frac{7}{9} = \frac{49}{81}$ (4)	$8.4 \overline{) 82.3} \quad \begin{array}{r} 9.798 \end{array}$ (5)	$3 \overline{) 17.4} \quad \begin{array}{r} 5.8 \end{array}$ (3)	$\begin{array}{r} 34.7 \\ \times 6 \\ \hline 208.2 \end{array}$ (5)	$\begin{array}{r} 76.8 \\ \times 4.8 \\ \hline 368.64 \end{array}$ (6)	23 (58)
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Convert to Decimal $\frac{3}{4} = .75$ (3)	$\frac{7}{8} \div \frac{8}{9} = \frac{63}{64}$ (4)	$\begin{array}{r} 6.49 \\ - 1.05 \\ \hline 5.44 \end{array}$ (4)	Convert to Decimal $\frac{2}{5} = .4$ (2)	Convert to Fraction .7 = $\frac{7}{10}$ (3)	16 (74)
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$80 \overline{) 329} \quad \begin{array}{r} 4 \text{ r } 9 \end{array}$ (2)	$18 \overline{) 951} \quad \begin{array}{r} 52 \text{ r } 15 \end{array}$ (4)	$7.7 \overline{) 23.9} \quad \begin{array}{r} 3.104 \end{array}$ (5)	$\begin{array}{r} 95.07 \\ + 36.1 \\ \hline 131.17 \end{array}$ (6)	$\begin{array}{r} 67.89 \\ + 50.75 \\ \hline 118.64 \end{array}$ (6)	23 (97)
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$\begin{array}{r} 97.5 \\ \times 4 \\ \hline 390 \end{array}$ (3)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 41.7 \\ \times 9.9 \\ \hline 412.83 \end{array}$ (6)	48% of 25 $= 12$ (2)	$\frac{4}{9} + \frac{2}{9} = \frac{2}{3}$ (2)	15 (112)
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AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 18.86 \\ 4.3 \overline{)81.1} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.25 = \frac{1}{4}$ <p>(2)</p>	$\begin{array}{r} 18.387 \\ 3.1 \overline{)57.0} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.9 = \frac{9}{10}$ <p>(3)</p>	18 (130)
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$\begin{array}{r} 90.3 \\ \times 5 \\ \hline 451.5 \end{array}$ <p>(5)</p>	<p>Convert to Decimal</p> $\frac{1}{4} = .25$ <p>(3)</p>	<p>90% of 75</p> $= 67.5$ <p>(4)</p>	$\begin{array}{r} 55 \\ \times 3.3 \\ \hline 181.5 \end{array}$ <p>(5)</p>	$\begin{array}{r} 93.26 \\ + 48.67 \\ \hline 141.93 \end{array}$ <p>(6)</p>	23 (153)
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<p>Convert to Decimal</p> $\frac{3}{10} = .3$ <p>(2)</p>	<p>75% of 23</p> $= 17.25$ <p>(5)</p>	$\begin{array}{r} 294 \\ \times 21 \\ \hline 6174 \end{array}$ <p>(4)</p>	<p>70% of 15</p> $= 10.5$ <p>(4)</p>	$\begin{array}{r} 12.4 \\ \times 5 \\ \hline 62 \end{array}$ <p>(2)</p>	17 (170)
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$\begin{array}{r} 86.9 \\ + 20.29 \\ \hline 107.19 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.75 = \frac{3}{4}$ <p>(2)</p>	$\begin{array}{r} 47 \text{ r } 10 \\ 13 \overline{)621} \\ \hline \end{array}$ <p>(4)</p>	$\begin{array}{r} 4.5 \\ 17 \overline{)76.5} \\ \hline \end{array}$ <p>(3)</p>	$\frac{3}{4} \times \frac{2}{3} = \frac{1}{2}$ <p>(2)</p>	17 (187)
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$\begin{array}{r} 71 \\ \times 5 \\ \hline 355 \end{array}$ <p>(3)</p>	$\frac{4}{5} + \frac{3}{5} = 1\frac{2}{5}$ <p>(3)</p>	$\begin{array}{r} 68 \\ \times 15 \\ \hline 1020 \end{array}$ <p>(4)</p>	$\frac{8}{9} + \frac{8}{9} = 1\frac{7}{9}$ <p>(3)</p>	$\begin{array}{r} 5.9 \\ 6 \overline{)35.4} \\ \hline \end{array}$ <p>(3)</p>	16 (203)
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$\begin{array}{r} 5.9 \\ 14 \overline{)82.6} \\ \hline \end{array}$ <p>(3)</p>	$\begin{array}{r} 295 \\ \times 2 \\ \hline 590 \end{array}$ <p>(3)</p>	$\begin{array}{r} 70.37 \\ - 4.81 \\ \hline 65.56 \end{array}$ <p>(5)</p>	$\begin{array}{r} 46.5 \\ \times 3.3 \\ \hline 153.45 \end{array}$ <p>(6)</p>	$\frac{8}{9} - \frac{1}{3} = \frac{5}{9}$ <p>(2)</p>	19 (222)
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AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{3}{5} / \frac{8}{9} =$	Convert to Decimal $\frac{1}{5} =$	75% of 50 =	Convert to Fraction .6 =	$\frac{2}{5} + \frac{1}{5} =$
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Convert to Fraction .8 =	$94.67 + 7.82$	$72.27 - 1.36$	Convert to Fraction .5 =	74.7×7.6
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$\frac{7}{9} * \frac{7}{9} =$	$8.4 \overline{)82.3}$	$3 \overline{)17.4}$	34.7×6	76.8×4.8
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Convert to Decimal $\frac{3}{4} =$	$\frac{7}{8} / \frac{8}{9} =$	$6.49 - 1.05$	Convert to Decimal $\frac{2}{5} =$	Convert to Fraction .7 =
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$80 \overline{)329}$	$18 \overline{)951}$	$7.7 \overline{)23.9}$	$95.07 + 36.1$	$67.89 + 50.75$
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97.5×4	Convert to Fraction .2 =	41.7×9.9	48% of 25 =	$\frac{4}{9} + \frac{2}{9} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #34 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$4.3 \overline{)81.1}$$

Convert to Fraction
 $.4 =$

Convert to Fraction
 $.25 =$

$$3.1 \overline{)57.0}$$

Convert to Fraction
 $.9 =$

$$\begin{array}{r} 90.3 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{4} =$

90% of 75
 $=$

$$\begin{array}{r} 55 \\ \times 3.3 \\ \hline \end{array}$$

$$\begin{array}{r} 93.26 \\ + 48.67 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{10} =$

75% of 23
 $=$

$$\begin{array}{r} 294 \\ \times 21 \\ \hline \end{array}$$

70% of 15
 $=$

$$\begin{array}{r} 12.4 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 86.9 \\ + 20.29 \\ \hline \end{array}$$

Convert to Fraction
 $.75 =$

$$13 \overline{)621}$$

$$17 \overline{)76.5}$$

$$\frac{3}{4} \times \frac{2}{3} =$$

$$\begin{array}{r} 71 \\ \times 5 \\ \hline \end{array}$$

$$\frac{4}{5} + \frac{3}{5} =$$

$$\begin{array}{r} 68 \\ \times 15 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{8}{9} =$$

$$6 \overline{)35.4}$$

$$14 \overline{)82.6}$$

$$\begin{array}{r} 295 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 70.37 \\ - 4.81 \\ \hline \end{array}$$

$$\begin{array}{r} 46.5 \\ \times 3.3 \\ \hline \end{array}$$

$$\frac{8}{9} - \frac{1}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{1}{4} \div \frac{1}{5} = 1\frac{1}{4}$ (3)	Convert to Decimal $\frac{4}{5} = .8$ (2)	78% of 75 $= 58.5$ (4)	Convert to Fraction .9 = $\frac{9}{10}$ (3)	$\frac{1}{2} + \frac{1}{6} = \frac{2}{3}$ (2)	14 (14)
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Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 26.32 \\ + 12.45 \\ \hline 38.77 \end{array}$ (5)	$\begin{array}{r} 61.35 \\ - 7.36 \\ \hline 53.99 \end{array}$ (5)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 77.6 \\ \times 3.9 \\ \hline 302.64 \end{array}$ (6)	20 (34)
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$\frac{5}{9} \times \frac{1}{4} = \frac{5}{36}$ (3)	$2.9 \overline{) 24.759}$ (6)	$2 \overline{) 9.4}$ (3)	$\begin{array}{r} 14.7 \\ \times 3 \\ \hline 44.1 \end{array}$ (4)	$\begin{array}{r} 39.4 \\ \times 3.1 \\ \hline 122.14 \end{array}$ (6)	22 (56)
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Convert to Decimal $\frac{3}{5} = .6$ (2)	$\frac{1}{4} \div \frac{4}{5} = \frac{5}{16}$ (3)	$\begin{array}{r} 76.02 \\ - 7.2 \\ \hline 68.82 \end{array}$ (5)	Convert to Decimal $\frac{3}{8} = .375$ (4)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	16 (72)
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$73 \overline{) 9 \text{ r } 59}$ (3)	$56 \overline{) 9 \text{ r } 23}$ (3)	$2.8 \overline{) 34.571}$ (6)	$\begin{array}{r} 41.94 \\ + 41.13 \\ \hline 83.07 \end{array}$ (5)	$\begin{array}{r} 83.18 \\ + 69.74 \\ \hline 152.92 \end{array}$ (6)	23 (95)
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$\begin{array}{r} 13.3 \\ \times 3 \\ \hline 39.9 \end{array}$ (4)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 13.1 \\ \times 7.4 \\ \hline 96.94 \end{array}$ (5)	62% of 60 $= 37.2$ (4)	$\frac{1}{9} + \frac{1}{3} = \frac{4}{9}$ (2)	17 (112)
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AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 22.116 \\ 4.3 \overline{)95.1} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Fraction

$$.2 = \frac{1}{5}$$

(2)

$$\begin{array}{r} 14.862 \\ 6.5 \overline{)96.6} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

18 (130)

$$\begin{array}{r} 71.8 \\ \times 9 \\ \hline 646.2 \end{array}$$

(5)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

98% of 25

$$= 24.5$$

(4)

$$\begin{array}{r} 90.6 \\ \times 5.7 \\ \hline 516.42 \end{array}$$

(6)

$$\begin{array}{r} 97.32 \\ + 87.93 \\ \hline 185.25 \end{array}$$

(6)

24 (154)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

80% of 28

$$= 22.4$$

(4)

$$\begin{array}{r} 604 \\ \times 66 \\ \hline 39864 \end{array}$$

(5)

52% of 25

$$= 13$$

(2)

$$\begin{array}{r} 68 \\ \times 5 \\ \hline 340 \end{array}$$

(3)

16 (170)

$$\begin{array}{r} 85.77 \\ + 51.94 \\ \hline 137.71 \end{array}$$

(6)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3)

$$\begin{array}{r} 90 \text{ r } 8 \\ 10 \overline{)908} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 5.8 \\ 18 \overline{)104.4} \\ \hline \end{array}$$

(3)

$$\frac{9}{10} \times \frac{5}{7} = \frac{9}{14}$$

(3)

18 (188)

$$\begin{array}{r} 617 \\ \times 73 \\ \hline 45041 \end{array}$$

(5)

$$\frac{4}{9} + \frac{1}{9} = \frac{5}{9}$$

(2)

$$\begin{array}{r} 74 \\ \times 34 \\ \hline 2516 \end{array}$$

(4)

$$\frac{3}{4} + \frac{7}{4} = 2\frac{1}{2}$$

(3)

$$\begin{array}{r} 3.8 \\ 12 \overline{)45.6} \\ \hline \end{array}$$

(3)

17 (205)

$$\begin{array}{r} 8.8 \\ 6 \overline{)52.8} \\ \hline \end{array}$$

(3)

$$\frac{7}{3}$$

(2)

$$\begin{array}{r} 94.36 \\ - 8.32 \\ \hline 86.04 \end{array}$$

(5)

$$\begin{array}{r} 7 \\ \times 5.7 \\ \hline 399 \end{array}$$

(3)

$$\frac{7}{8} - \frac{1}{8} = \frac{3}{4}$$

(2)

15 (220)

AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{1}{4} / \frac{1}{5} =$	Convert to Decimal $\frac{4}{5} =$	78% of 75 =	Convert to Fraction .9 =	$\frac{1}{2} + \frac{1}{6} =$
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Convert to Fraction .5 =	$\begin{array}{r} 26.32 \\ + 12.45 \\ \hline \end{array}$	$\begin{array}{r} 61.35 \\ - 7.36 \\ \hline \end{array}$	Convert to Fraction .25 =	$\begin{array}{r} 77.6 \\ \times 3.9 \\ \hline \end{array}$
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$\frac{5}{9} * \frac{1}{4} =$	$2.9 \overline{)71.8}$	$2 \overline{)18.8}$	$\begin{array}{r} 14.7 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 39.4 \\ \times 3.1 \\ \hline \end{array}$
-------------------------------	------------------------	----------------------	---	---

Convert to Decimal $\frac{3}{5} =$	$\frac{1}{4} / \frac{4}{5} =$	$\begin{array}{r} 76.02 \\ - 7.2 \\ \hline \end{array}$	Convert to Decimal $\frac{3}{8} =$	Convert to Fraction .75 =
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$73 \overline{)716}$	$56 \overline{)527}$	$2.8 \overline{)96.8}$	$\begin{array}{r} 41.94 \\ + 41.13 \\ \hline \end{array}$	$\begin{array}{r} 83.18 \\ + 69.74 \\ \hline \end{array}$
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$\begin{array}{r} 13.3 \\ \times 3 \\ \hline \end{array}$	Convert to Fraction .8 =	$\begin{array}{r} 13.1 \\ \times 7.4 \\ \hline \end{array}$	62% of 60 =	$\frac{1}{9} + \frac{1}{3} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #35 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$4.3 \overline{)95.1}$$

Convert to Fraction
 $.4 =$

Convert to Fraction
 $.2 =$

$$6.5 \overline{)96.6}$$

Convert to Fraction
 $.6 =$

$$\begin{array}{r} 71.8 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

98% of 25
 $=$

$$\begin{array}{r} 90.6 \\ \times 5.7 \\ \hline \end{array}$$

$$\begin{array}{r} 97.32 \\ + 87.93 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

80% of 28
 $=$

$$\begin{array}{r} 604 \\ \times 66 \\ \hline \end{array}$$

52% of 25
 $=$

$$\begin{array}{r} 68 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 85.77 \\ + 51.94 \\ \hline \end{array}$$

Convert to Fraction
 $.1 =$

$$10 \overline{)908}$$

$$18 \overline{)104.4}$$

$$\frac{9}{10} \cdot \frac{5}{7} =$$

$$\begin{array}{r} 617 \\ \times 73 \\ \hline \end{array}$$

$$\frac{4}{9} + \frac{1}{9} =$$

$$\begin{array}{r} 74 \\ \times 34 \\ \hline \end{array}$$

$$\frac{3}{4} + \frac{7}{4} =$$

$$12 \overline{)45.6}$$

$$6 \overline{)52.8}$$

$$\begin{array}{r} 7 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 94.36 \\ - 8.32 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ \times 5.7 \\ \hline \end{array}$$

$$\frac{7}{8} - \frac{1}{8} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{5}{9} / \frac{1}{3} = 1\frac{2}{3}$ (3)	Convert to Decimal $\frac{3}{5} = .6$ (2)	80% of 23 $= 18.4$ (4)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\frac{2}{3} + \frac{1}{9} = \frac{7}{9}$ (2)	13 (13)
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Convert to Fraction .7 = $\frac{7}{10}$ (3)	$\begin{array}{r} 84.96 \\ + 11.85 \\ \hline 96.81 \end{array}$ (5)	$\begin{array}{r} 86.18 \\ - 1.58 \\ \hline 84.6 \end{array}$ (4)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	$\begin{array}{r} 38.4 \\ \times 2.8 \\ \hline 107.52 \end{array}$ (6)	20 (33)
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$\frac{3}{5} * \frac{8}{9} = \frac{8}{15}$ (3)	$7.6 \overline{) 68.5}$ 9.013 (5)	$17 \overline{) 137.7}$ 8.1 (3)	$\begin{array}{r} 7.2 \\ \times 6 \\ \hline 43.2 \end{array}$ (4)	$\begin{array}{r} 24.1 \\ \times 9.1 \\ \hline 219.31 \end{array}$ (6)	21 (54)
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Convert to Decimal $\frac{7}{10} = .7$ (2)	$\frac{1}{9} / \frac{5}{6} = \frac{2}{15}$ (3)	$\begin{array}{r} 35.51 \\ - 9.44 \\ \hline 26.07 \end{array}$ (5)	Convert to Decimal $\frac{5}{8} = .625$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	16 (70)
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$86 \overline{) 991}$ 11 r 45 (4)	$60 \overline{) 733}$ 12 r 13 (4)	$6.5 \overline{) 30.2}$ 4.646 (5)	$\begin{array}{r} 85.99 \\ + 84.63 \\ \hline 170.62 \end{array}$ (6)	$\begin{array}{r} 64.48 \\ + 52.22 \\ \hline 116.7 \end{array}$ (5)	24 (94)
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$\begin{array}{r} 75 \\ \times 7 \\ \hline 525 \end{array}$ (3)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 5.3 \\ \times 2.8 \\ \hline 14.84 \end{array}$ (5)	29% of 25 $= 7.25$ (4)	$\frac{5}{7} + \frac{6}{7} = 1\frac{4}{7}$ (3)	17 (111)
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AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 7.988 \\ 8.0 \overline{)63.9} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	<p>Convert to Fraction</p> $.5 = \frac{1}{2}$ <p>(2)</p>	$\begin{array}{r} 1.692 \\ 6.5 \overline{)11.0} \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.4 = \frac{2}{5}$ <p>(2)</p>	16 (127)
---	--	--	---	--	----------

$\begin{array}{r} 6.2 \\ \times 4 \\ \hline 24.8 \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{3}{4} = .75$ <p>(3)</p>	<p>34% of 25</p> $= 8.5$ <p>(3)</p>	$\begin{array}{r} 97 \\ \times 2.2 \\ \hline 213.4 \end{array}$ <p>(5)</p>	$\begin{array}{r} 51.13 \\ + 37.01 \\ \hline 88.14 \end{array}$ <p>(5)</p>	20 (147)
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<p>Convert to Decimal</p> $\frac{2}{5} = .4$ <p>(2)</p>	<p>40% of 15</p> $= 6$ <p>(1)</p>	$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$ <p>(2)</p>	<p>77% of 25</p> $= 19.25$ <p>(5)</p>	$\begin{array}{r} 60.3 \\ \times 8 \\ \hline 482.4 \end{array}$ <p>(5)</p>	15 (162)
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$\begin{array}{r} 53.85 \\ + 52.76 \\ \hline 106.61 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	$61 \overline{)113}$ <p>(3)</p>	$4 \overline{)32.0}$ <p>(1)</p>	$\frac{7}{9} \times \frac{1}{2} = \frac{7}{18}$ <p>(3)</p>	16 (178)
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$\begin{array}{r} 838 \\ \times 52 \\ \hline 43576 \end{array}$ <p>(5)</p>	$\frac{5}{7} + \frac{9}{7} = 2$ <p>(1)</p>	$\begin{array}{r} 429 \\ \times 49 \\ \hline 21021 \end{array}$ <p>(5)</p>	$\frac{6}{7} + \frac{6}{7} = 1\frac{5}{7}$ <p>(3)</p>	$20 \overline{)28.0}$ <p>(3)</p>	17 (195)
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$10 \overline{)43.0}$ <p>(3)</p>	$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$ <p>(2)</p>	$\begin{array}{r} 65.78 \\ - 7.74 \\ \hline 58.04 \end{array}$ <p>(5)</p>	$\begin{array}{r} 88.6 \\ \times 9.5 \\ \hline 841.7 \end{array}$ <p>(5)</p>	$2 - \frac{2}{3} = 1\frac{1}{3}$ <p>(3)</p>	18 (213)
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AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$\frac{5}{9} / \frac{1}{3} =$	Convert to Decimal $\frac{3}{5} =$	80% of 23 =	Convert to Fraction .8 =	$\frac{2}{3} + \frac{1}{9} =$
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Convert to Fraction .7 =	84.96 <u>+ 11.85</u>	86.18 <u>- 1.58</u>	Convert to Fraction .25 =	38.4 <u>x 2.8</u>
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$\frac{3}{5} * \frac{8}{9} =$	7.6 <u>68.5</u>	17 <u>137.7</u>	7.2 <u>x 6</u>	24.1 <u>x 9.1</u>
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Convert to Decimal $\frac{7}{10} =$	$\frac{1}{9} / \frac{5}{6} =$	35.51 <u>- 9.44</u>	Convert to Decimal $\frac{5}{8} =$	Convert to Fraction .2 =
--	-------------------------------	------------------------	---------------------------------------	-----------------------------

86 <u>991</u>	60 <u>733</u>	6.5 <u>30.2</u>	85.99 <u>+ 84.63</u>	64.48 <u>+ 52.22</u>
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<u>75</u> x 7	Convert to Fraction .75 =	5.3 <u>x 2.8</u>	29% of 25 =	$\frac{5}{7} + \frac{6}{7} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #36 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$8.0 \overline{)63.9}$$

Convert to Fraction
 $.6 =$

Convert to Fraction
 $.5 =$

$$6.5 \overline{)11.0}$$

Convert to Fraction
 $.4 =$

$$\begin{array}{r} 6.2 \\ \times 4 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

34% of 25
 $=$

$$\begin{array}{r} 97 \\ \times 2.2 \\ \hline \end{array}$$

$$\begin{array}{r} 51.13 \\ + 37.01 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

40% of 15
 $=$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$$

77% of 25
 $=$

$$\begin{array}{r} 60.3 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 53.85 \\ + 52.76 \\ \hline \end{array}$$

Convert to Fraction
 $.3 =$

$$61 \overline{)113}$$

$$4 \overline{)32.0}$$

$$\frac{7}{9} \times \frac{1}{2} =$$

$$\begin{array}{r} 838 \\ \times 52 \\ \hline \end{array}$$

$$\frac{5}{7} + \frac{9}{7} =$$

$$\begin{array}{r} 429 \\ \times 49 \\ \hline \end{array}$$

$$\frac{6}{7} + \frac{6}{7} =$$

$$20 \overline{)28.0}$$

$$10 \overline{)43.0}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 65.78 \\ - 7.74 \\ \hline \end{array}$$

$$\begin{array}{r} 88.6 \\ \times 9.5 \\ \hline \end{array}$$

$$2 - \frac{2}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{1}{8} \div \frac{7}{9} = \frac{9}{56}$ (3)	Convert to Decimal $\frac{1}{10} = .1$ (2)	85% of 75 $= 63.75$ (5)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{7}{9} + \frac{5}{9} = 1\frac{1}{3}$ (3)	15 (15)
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Convert to Fraction .9 = $\frac{9}{10}$ (3)	$\begin{array}{r} 67.79 \\ + 35.97 \\ \hline 103.76 \end{array}$ (6)	$\begin{array}{r} 41.63 \\ - 9.77 \\ \hline 31.86 \end{array}$ (5)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\begin{array}{r} 38 \\ \times 2.3 \\ \hline 87.4 \end{array}$ (4)	20 (35)
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$\frac{8}{9} \times \frac{5}{7} = \frac{40}{63}$ (4)	$4.0 \overline{) 17.125}$ (6)	$19 \overline{) 4.1779}$ (3)	$\begin{array}{r} 88.1 \\ \times 9 \\ \hline 792.9 \end{array}$ (5)	$\begin{array}{r} 69.7 \\ \times 8.8 \\ \hline 613.36 \end{array}$ (6)	24 (59)
---	----------------------------------	---------------------------------	--	---	---------

Convert to Decimal $\frac{3}{4} = .75$ (3)	$\frac{1}{5} \div \frac{1}{3} = \frac{3}{5}$ (2)	$\begin{array}{r} 17.57 \\ - 2.66 \\ \hline 14.91 \end{array}$ (5)	Convert to Decimal $\frac{1}{4} = .25$ (3)	Convert to Fraction .6 = $\frac{3}{5}$ (2)	15 (74)
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$76 \overline{) 12 \text{ r } 36}$ (4)	$12 \overline{) 2}$ (1)	$5.8 \overline{) 13.155}$ (6)	$\begin{array}{r} 53.46 \\ + 48.82 \\ \hline 102.28 \end{array}$ (6)	$\begin{array}{r} 65.57 \\ + 39.38 \\ \hline 104.95 \end{array}$ (6)	23 (97)
---	----------------------------	----------------------------------	---	---	---------

$\begin{array}{r} 46.6 \\ \times 5 \\ \hline 233 \end{array}$ (3)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 49.4 \\ \times 2 \\ \hline 98.8 \end{array}$ (4)	88% of 70 $= 61.6$ (4)	$\frac{8}{9} + \frac{1}{3} = 1\frac{2}{9}$ (3)	16 (113)
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AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 25.458 \\ 2.4 \overline{) 61.1} \\ \underline{48} \\ 131 \\ \underline{120} \\ 110 \\ \underline{108} \\ 20 \\ \underline{18} \\ 20 \\ \underline{18} \\ 20 \end{array}$$

(6)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2)

Convert to Fraction

$$.25 = \frac{1}{4}$$

(2)

$$\begin{array}{r} 10.563 \\ 7.1 \overline{) 75.0} \\ \underline{49} \\ 260 \\ \underline{214} \\ 460 \\ \underline{427} \\ 330 \\ \underline{315} \\ 150 \\ \underline{142} \\ 80 \end{array}$$

(6)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2) 18 (131)

$$\begin{array}{r} 62 \\ \times 9 \\ \hline 558 \end{array}$$

(3)

Convert to Decimal

$$\frac{1}{5} = .2$$

(2)

57% of 25

$$= 14.25$$

(5)

$$\begin{array}{r} 52.7 \\ \times 7.5 \\ \hline 395.25 \end{array}$$

(6)

$$\begin{array}{r} 56.78 \\ + 16.94 \\ \hline 73.72 \end{array}$$

(5) 21 (152)

Convert to Decimal

$$\frac{4}{5} = .8$$

(2)

71% of 25

$$= 17.75$$

(5)

$$\begin{array}{r} 277 \\ \times 79 \\ \hline 21883 \end{array}$$

(5)

31% of 25

$$= 7.75$$

(4)

$$\begin{array}{r} 87.4 \\ \times 2 \\ \hline 174.8 \end{array}$$

(5) 21 (173)

$$\begin{array}{r} 58.64 \\ + 30.78 \\ \hline 89.42 \end{array}$$

(5)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\begin{array}{r} 9 \text{ r } 23 \\ 40 \overline{) 383} \\ \underline{360} \\ 23 \end{array}$$

(3)

$$\begin{array}{r} 7.9 \\ 13 \overline{) 102.7} \\ \underline{91} \\ 117 \\ \underline{117} \\ 0 \end{array}$$

(3)

$$\frac{1}{9} \times \frac{8}{9} = \frac{8}{81}$$

(3) 17 (190)

$$\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$$

(2)

$$\frac{8}{9} + \frac{5}{9} = 1\frac{4}{9}$$

(3)

$$\begin{array}{r} 12 \\ \times 12 \\ \hline 144 \end{array}$$

(3)

$$\frac{5}{7} + \frac{4}{7} = 1\frac{2}{7}$$

(3)

$$\begin{array}{r} 3.1 \\ 8 \overline{) 24.8} \\ \underline{16} \\ 80 \\ \underline{72} \\ 80 \\ \underline{72} \\ 80 \end{array}$$

(3) 14 (204)

$$\begin{array}{r} 9.4 \\ 10 \overline{) 94.0} \\ \underline{90} \\ 40 \end{array}$$

(3)

$$\begin{array}{r} 732 \\ \times 59 \\ \hline 43188 \end{array}$$

(5)

$$\begin{array}{r} 11.66 \\ - 8.44 \\ \hline 3.22 \end{array}$$

(4)

$$\begin{array}{r} 91.6 \\ \times 2.8 \\ \hline 256.48 \end{array}$$

(6)

$$\frac{9}{10} - \frac{1}{10} = \frac{4}{5}$$

(2) 20 (224)

AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{1}{8} \div \frac{7}{9} =$$

Convert to Decimal

$$\frac{1}{10} =$$

$$85\% \text{ of } 75 =$$

Convert to Fraction

$$.5 =$$

$$\frac{7}{9} + \frac{5}{9} =$$

Convert to Fraction

$$.9 =$$

$$\begin{array}{r} 67.79 \\ + 35.97 \\ \hline \end{array}$$

$$\begin{array}{r} 41.63 \\ - 9.77 \\ \hline \end{array}$$

Convert to Fraction

$$.8 =$$

$$\begin{array}{r} 38 \\ \times 2.3 \\ \hline \end{array}$$

$$\frac{8}{9} * \frac{5}{7} =$$

$$4.0 \overline{)68.5}$$

$$19 \overline{)77.9}$$

$$\begin{array}{r} 88.1 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 69.7 \\ \times 8.8 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{1}{5} \div \frac{1}{3} =$$

$$\begin{array}{r} 17.57 \\ - 2.66 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{4} =$$

Convert to Fraction

$$.6 =$$

$$76 \overline{)948}$$

$$12 \overline{)24}$$

$$5.8 \overline{)76.3}$$

$$\begin{array}{r} 53.46 \\ + 48.82 \\ \hline \end{array}$$

$$\begin{array}{r} 65.57 \\ + 39.38 \\ \hline \end{array}$$

$$\begin{array}{r} 46.6 \\ \times 5 \\ \hline \end{array}$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 49.4 \\ \times 2 \\ \hline \end{array}$$

$$88\% \text{ of } 70 =$$

$$\frac{8}{9} + \frac{1}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #37 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$2.4 \overline{)61.1}$$

Convert to Fraction
 $.4 =$

Convert to Fraction
 $.25 =$

$$7.1 \overline{)75.0}$$

Convert to Fraction
 $.75 =$

$$\begin{array}{r} 62 \\ \times 9 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{5} =$

57% of 25
 $=$

$$\begin{array}{r} 52.7 \\ \times 7.5 \\ \hline \end{array}$$

$$\begin{array}{r} 56.78 \\ + 16.94 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{4}{5} =$

71% of 25
 $=$

$$\begin{array}{r} 277 \\ \times 79 \\ \hline \end{array}$$

31% of 25
 $=$

$$\begin{array}{r} 87.4 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 58.64 \\ + 30.78 \\ \hline \end{array}$$

Convert to Fraction
 $.3 =$

$$40 \overline{)383}$$

$$13 \overline{)102.7}$$

$$\frac{1}{9} \times \frac{8}{9} =$$

$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

$$\frac{8}{9} + \frac{5}{9} =$$

$$\begin{array}{r} 12 \\ \times 12 \\ \hline \end{array}$$

$$\frac{5}{7} + \frac{4}{7} =$$

$$8 \overline{)24.8}$$

$$10 \overline{)94.0}$$

$$\begin{array}{r} 732 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 11.66 \\ - 8.44 \\ \hline \end{array}$$

$$\begin{array}{r} 91.6 \\ \times 2.8 \\ \hline \end{array}$$

$$\frac{9}{10} - \frac{1}{10} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{1}{4} \div \frac{1}{6} = 1\frac{1}{2}$ (3)	Convert to Decimal $\frac{3}{8} = .375$ (4)	70% of 35 $= 24.5$ (4)	Convert to Fraction .4 = $\frac{2}{5}$ (2)	$\frac{1}{2} + \frac{3}{2} = 2$ (1)	14 (14)
--	---	------------------------------	--	--	---------

Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\begin{array}{r} 83.26 \\ + 72.58 \\ \hline 155.84 \end{array}$ (6)	$\begin{array}{r} 95.36 \\ - 3.17 \\ \hline 92.19 \end{array}$ (5)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 17.4 \\ \times 7.2 \\ \hline 125.28 \end{array}$ (6)	21 (35)
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$\frac{2}{3} \times \frac{2}{3} = \frac{4}{9}$ (2)	$8.5 \overline{) 64.6} \begin{array}{l} 7.6 \end{array}$ (3)	$7 \overline{) 58.8} \begin{array}{l} 8.4 \end{array}$ (3)	$\begin{array}{r} 98.2 \\ \times 2 \\ \hline 196.4 \end{array}$ (5)	$\begin{array}{r} 94.1 \\ \times 2.3 \\ \hline 216.43 \end{array}$ (6)	19 (54)
---	---	---	--	---	---------

Convert to Decimal $\frac{2}{5} = .4$ (2)	$\frac{2}{3} \div \frac{5}{6} = \frac{4}{5}$ (2)	$\begin{array}{r} 26.52 \\ - 3.85 \\ \hline 22.67 \end{array}$ (5)	Convert to Decimal $\frac{9}{10} = .9$ (2)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	13 (67)
---	---	---	--	---	---------

$60 \overline{) 414} \begin{array}{l} 6 \text{ r } 54 \end{array}$ (3)	$73 \overline{) 995} \begin{array}{l} 13 \text{ r } 46 \end{array}$ (4)	$6.6 \overline{) 88.1} \begin{array}{l} 13.348 \end{array}$ (6)	$\begin{array}{r} 59.07 \\ + 45.05 \\ \hline 104.12 \end{array}$ (6)	$\begin{array}{r} 47.77 \\ + 2.89 \\ \hline 50.66 \end{array}$ (5)	24 (91)
---	--	--	---	---	---------

$\begin{array}{r} 17.1 \\ \times 4 \\ \hline 68.4 \end{array}$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 9.1 \\ \times 5.9 \\ \hline 53.69 \end{array}$ (5)	75% of 65 $= 48.75$ (5)	$\frac{5}{7} + \frac{6}{7} = 1\frac{4}{7}$ (3)	19 (110)
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AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\begin{array}{r} 4.583 \\ 9.6 \overline{)44.0} \\ \hline \end{array}$ <p>(5)</p>	<p>Convert to Fraction</p> $.7 = \frac{7}{10}$ <p>(3)</p>	<p>Convert to Fraction</p> $.6 = \frac{3}{5}$ <p>(2)</p>	$\begin{array}{r} 12.312 \\ 1.6 \overline{)19.7} \\ \hline \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.8 = \frac{4}{5}$ <p>(2)</p>	18 (128)
---	---	--	--	--	----------

$\begin{array}{r} 27.6 \\ \times 2 \\ \hline 55.2 \end{array}$ <p>(4)</p>	<p>Convert to Decimal</p> $\frac{1}{2} = .5$ <p>(2)</p>	<p>93% of 25</p> $= 23.25$ <p>(5)</p>	$\begin{array}{r} 38.2 \\ \times 3.1 \\ \hline 118.42 \end{array}$ <p>(6)</p>	$\begin{array}{r} 90.03 \\ + 39.75 \\ \hline 129.78 \end{array}$ <p>(6)</p>	23 (151)
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<p>Convert to Decimal</p> $\frac{5}{8} = .625$ <p>(4)</p>	<p>89% of 75</p> $= 66.75$ <p>(5)</p>	$\begin{array}{r} 647 \\ \times 48 \\ \hline 31056 \end{array}$ <p>(5)</p>	<p>75% of 70</p> $= 52.5$ <p>(4)</p>	$\begin{array}{r} 31 \\ \times 4 \\ \hline 124 \end{array}$ <p>(3)</p>	21 (172)
---	---------------------------------------	--	--------------------------------------	--	----------

$\begin{array}{r} 98.96 \\ + 79.09 \\ \hline 178.05 \end{array}$ <p>(6)</p>	<p>Convert to Fraction</p> $.3 = \frac{3}{10}$ <p>(3)</p>	$11 \overline{)33}$ <p>(1)</p>	$16 \overline{)30.4}$ <p>(3)</p>	$\frac{6}{7} \times \frac{3}{8} = \frac{9}{28}$ <p>(3)</p>	16 (188)
---	---	--------------------------------	----------------------------------	--	----------

$\begin{array}{r} 189 \\ \times 77 \\ \hline 14553 \end{array}$ <p>(5)</p>	$\frac{5}{9} + \frac{1}{9} = \frac{2}{3}$ <p>(2)</p>	$\begin{array}{r} 936 \\ \times 14 \\ \hline 13104 \end{array}$ <p>(5)</p>	$\frac{2}{7} + \frac{2}{7} = \frac{4}{7}$ <p>(2)</p>	$15 \overline{)84.0}$ <p>(3)</p>	17 (205)
--	--	--	--	----------------------------------	----------

$9 \overline{)25.2}$ <p>(3)</p>	$\begin{array}{r} 628 \\ \times 28 \\ \hline 17584 \end{array}$ <p>(5)</p>	$\begin{array}{r} 89.47 \\ - 9.73 \\ \hline 79.74 \end{array}$ <p>(5)</p>	$\begin{array}{r} 79.5 \\ \times 8 \\ \hline 636 \end{array}$ <p>(3)</p>	$\frac{7}{8} - \frac{3}{4} = \frac{1}{8}$ <p>(2)</p>	18 (223)
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AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____ Grade: _____ Teacher Name: _____

$\frac{1}{4} / \frac{1}{6} =$	Convert to Decimal $\frac{3}{8} =$	70% of 35 =	Convert to Fraction .4 =	$\frac{1}{2} + \frac{3}{2} =$
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Convert to Fraction .5 =	$\begin{array}{r} 83.26 \\ + 72.58 \\ \hline \end{array}$	$\begin{array}{r} 95.36 \\ - 3.17 \\ \hline \end{array}$	Convert to Fraction .75 =	$\begin{array}{r} 17.4 \\ \times 7.2 \\ \hline \end{array}$
-----------------------------	---	--	------------------------------	---

$\frac{2}{3} * \frac{2}{3} =$	$8.5 \overline{)64.6}$	$7 \overline{)58.8}$	$\begin{array}{r} 98.2 \\ \times 2 \\ \hline \end{array}$	$\begin{array}{r} 94.1 \\ \times 2.3 \\ \hline \end{array}$
-------------------------------	------------------------	----------------------	---	---

Convert to Decimal $\frac{2}{5} =$	$\frac{2}{3} / \frac{5}{6} =$	$\begin{array}{r} 26.52 \\ - 3.85 \\ \hline \end{array}$	Convert to Decimal $\frac{9}{10} =$	Convert to Fraction .25 =
---------------------------------------	-------------------------------	--	--	------------------------------

$60 \overline{)414}$	$73 \overline{)995}$	$6.6 \overline{)88.1}$	$\begin{array}{r} 59.07 \\ + 45.05 \\ \hline \end{array}$	$\begin{array}{r} 47.77 \\ + 2.89 \\ \hline \end{array}$
----------------------	----------------------	------------------------	---	--

$\begin{array}{r} 17.1 \\ \times 4 \\ \hline \end{array}$	Convert to Fraction .2 =	$\begin{array}{r} 9.1 \\ \times 5.9 \\ \hline \end{array}$	75% of 65 =	$\frac{5}{7} + \frac{6}{7} =$
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AIMSweb® Mathematics Computation 2 Progress Monitor #38 - Grade 8

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

Student Name: _____

Grade: _____

Teacher Name: _____

$$9.6 \overline{)44.0}$$

Convert to Fraction
 $.7 =$

Convert to Fraction
 $.6 =$

$$1.6 \overline{)19.7}$$

Convert to Fraction
 $.8 =$

$$\begin{array}{r} 27.6 \\ \times 2 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{1}{2} =$

93% of 25
 $=$

$$\begin{array}{r} 38.2 \\ \times 3.1 \\ \hline \end{array}$$

$$\begin{array}{r} 90.03 \\ + 39.75 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{5}{8} =$

89% of 75
 $=$

$$\begin{array}{r} 647 \\ \times 48 \\ \hline \end{array}$$

75% of 70
 $=$

$$\begin{array}{r} 31 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 98.96 \\ + 79.09 \\ \hline \end{array}$$

Convert to Fraction
 $.3 =$

$$11 \overline{)33}$$

$$16 \overline{)30.4}$$

$$\frac{6}{7} \times \frac{3}{8} =$$

$$\begin{array}{r} 189 \\ \times 77 \\ \hline \end{array}$$

$$\frac{5}{9} + \frac{1}{9} =$$

$$\begin{array}{r} 936 \\ \times 14 \\ \hline \end{array}$$

$$\frac{2}{7} + \frac{2}{7} =$$

$$15 \overline{)84.0}$$

$$9 \overline{)25.2}$$

$$\begin{array}{r} 628 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 89.47 \\ - 9.73 \\ \hline \end{array}$$

$$\begin{array}{r} 79.5 \\ \times 8 \\ \hline \end{array}$$

$$\frac{7}{8} - \frac{3}{4} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{4}{9} / \frac{9}{10} = \frac{40}{81}$ (4)	Convert to Decimal $\frac{4}{5} = .8$ (2)	90% of 48 $= 43.2$ (4)	Convert to Fraction .5 = $\frac{1}{2}$ (2)	$\frac{3}{5} + \frac{6}{5} = 1\frac{4}{5}$ (3)	15 (15)
---	---	------------------------------	--	---	---------

Convert to Fraction .6 = $\frac{3}{5}$ (2)	$\begin{array}{r} 28.77 \\ + 18.92 \\ \hline 47.69 \end{array}$ (5)	$\begin{array}{r} 6.74 \\ - 2.92 \\ \hline 3.82 \end{array}$ (4)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 20.1 \\ \times 6.6 \\ \hline 132.66 \end{array}$ (6)	19 (34)
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$\frac{3}{4} * \frac{8}{9} = \frac{2}{3}$ (2)	$6.0 \overline{) 10.967}$ (6)	$16 \overline{) 105.6}$ (3)	$\begin{array}{r} 15.7 \\ \times 5 \\ \hline 78.5 \end{array}$ (4)	$\begin{array}{r} 95.1 \\ \times 8.2 \\ \hline 779.82 \end{array}$ (6)	21 (55)
--	----------------------------------	--------------------------------	---	---	---------

Convert to Decimal $\frac{3}{4} = .75$ (3)	$\frac{8}{9} / \frac{6}{7} = 1\frac{1}{27}$ (4)	$\begin{array}{r} 54.54 \\ - 8.09 \\ \hline 46.45 \end{array}$ (5)	Convert to Decimal $\frac{1}{2} = .5$ (2)	Convert to Fraction .25 = $\frac{1}{4}$ (2)	16 (71)
--	--	---	---	---	---------

$2 \overline{) 1224}$ (2)	$93 \overline{) 920} \text{ 9 r 83}$ (3)	$5.2 \overline{) 21.5}$ (5)	$\begin{array}{r} 23.42 \\ + 9.48 \\ \hline 32.9 \end{array}$ (4)	$\begin{array}{r} 73.32 \\ + 33.85 \\ \hline 107.17 \end{array}$ (6)	20 (91)
------------------------------	---	--------------------------------	--	---	---------

$\begin{array}{r} 51.9 \\ \times 2 \\ \hline 103.8 \end{array}$ (5)	Convert to Fraction .3 = $\frac{3}{10}$ (3)	$\begin{array}{r} 39.7 \\ \times 5.2 \\ \hline 206.44 \end{array}$ (6)	96% of 75 $= 72$ (2)	$\frac{2}{3} + \frac{2}{3} = 1\frac{1}{3}$ (3)	19 (110)
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AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 8 Answer Key

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$$\begin{array}{r} 7.346 \\ 2.6 \overline{)19.1} \\ \hline \end{array}$$

(5)

Convert to Fraction

$$.8 = \frac{4}{5}$$

(2)

Convert to Fraction

$$.7 = \frac{7}{10}$$

(3)

$$\begin{array}{r} 16.839 \\ 3.1 \overline{)52.2} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.1 = \frac{1}{10}$$

(3) 19 (129)

$$\begin{array}{r} 80.2 \\ \times 8 \\ \hline 641.6 \end{array}$$

(5)

Convert to Decimal

$$\frac{1}{8} = .125$$

(4)

36% of 20

$$= 7.2$$

(3)

$$\begin{array}{r} 8.3 \\ \times 1.7 \\ \hline 14.11 \end{array}$$

(5)

$$\begin{array}{r} 41.23 \\ + 39.6 \\ \hline 80.83 \end{array}$$

(5) 22 (151)

Convert to Decimal

$$\frac{1}{4} = .25$$

(3)

66% of 50

$$= 33$$

(2)

$$\begin{array}{r} 865 \\ \times 72 \\ \hline 62280 \end{array}$$

(5)

62% of 25

$$= 15.5$$

(4)

$$\begin{array}{r} 19.8 \\ \times 9 \\ \hline 178.2 \end{array}$$

(5) 19 (170)

Convert to Fraction

$$.75 = \frac{3}{4}$$

(2)

$$\begin{array}{r} 23.03 \\ + 6.17 \\ \hline 29.2 \end{array}$$

(4)

$$10 \overline{)20}$$

(1)

$$4 \overline{)16.8}$$

(3)

$$\frac{1}{2} \times \frac{7}{9} = \frac{7}{18}$$

(3) 13 (183)

$$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$$

(2)

$$\frac{6}{7} + \frac{4}{7} = 1\frac{3}{7}$$

(3)

$$\begin{array}{r} 565 \\ \times 50 \\ \hline 28250 \end{array}$$

(5)

$$\frac{5}{7} + \frac{9}{7} = 2$$

(1)

$$10 \overline{)54.0}$$

(3) 14 (197)

$$\begin{array}{r} 6.9 \\ 17 \overline{)117.3} \\ \hline \end{array}$$

(3)

$$\begin{array}{r} 68 \\ \times 46 \\ \hline 3128 \end{array}$$

(4)

$$\begin{array}{r} 43.41 \\ - 2.55 \\ \hline 40.86 \end{array}$$

(5)

$$\begin{array}{r} 82.7 \\ \times 6.8 \\ \hline 562.36 \end{array}$$

(6)

$$\frac{5}{8} - \frac{1}{8} = \frac{1}{2}$$

(2) 20 (217)

AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 8

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Student Name: _____

Grade: _____

Teacher Name: _____

$$\frac{4}{9} \div \frac{9}{10} =$$

Convert to Decimal

$$\frac{4}{5} =$$

$$90\% \text{ of } 48 =$$

Convert to Fraction

$$.5 =$$

$$\frac{3}{5} + \frac{6}{5} =$$

Convert to Fraction

$$.6 =$$

$$\begin{array}{r} 28.77 \\ + 18.92 \\ \hline \end{array}$$

$$\begin{array}{r} 6.74 \\ - 2.92 \\ \hline \end{array}$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 20.1 \\ \times 6.6 \\ \hline \end{array}$$

$$\frac{3}{4} * \frac{8}{9} =$$

$$6.0 \overline{)65.8}$$

$$16 \overline{)105.6}$$

$$\begin{array}{r} 15.7 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 95.1 \\ \times 8.2 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{4} =$$

$$\frac{8}{9} \div \frac{6}{7} =$$

$$\begin{array}{r} 54.54 \\ - 8.09 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{1}{2} =$$

Convert to Fraction

$$.25 =$$

$$2 \overline{)24}$$

$$93 \overline{)920}$$

$$5.2 \overline{)21.5}$$

$$\begin{array}{r} 23.42 \\ + 9.48 \\ \hline \end{array}$$

$$\begin{array}{r} 73.32 \\ + 33.85 \\ \hline \end{array}$$

$$\begin{array}{r} 51.9 \\ \times 2 \\ \hline \end{array}$$

Convert to Fraction

$$.3 =$$

$$\begin{array}{r} 39.7 \\ \times 5.2 \\ \hline \end{array}$$

$$96\% \text{ of } 75 =$$

$$\frac{2}{3} + \frac{2}{3} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #39 - Grade 8

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Student Name: _____**Grade:** _____**Teacher Name:** _____

$$2.6 \overline{)19.1}$$

$$\text{Convert to Fraction} \\ .8 =$$

$$\text{Convert to Fraction} \\ .7 =$$

$$3.1 \overline{)52.2}$$

$$\text{Convert to Fraction} \\ .1 =$$

$$\begin{array}{r} 80.2 \\ \times 8 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{1}{8} =$$

$$36\% \text{ of } 20 =$$

$$\begin{array}{r} 8.3 \\ \times 1.7 \\ \hline \end{array}$$

$$\begin{array}{r} 41.23 \\ + 39.6 \\ \hline \end{array}$$

$$\text{Convert to Decimal} \\ \frac{1}{4} =$$

$$66\% \text{ of } 50 =$$

$$\begin{array}{r} 865 \\ \times 72 \\ \hline \end{array}$$

$$62\% \text{ of } 25 =$$

$$\begin{array}{r} 19.8 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 23.03 \\ + 6.17 \\ \hline \end{array}$$

$$\text{Convert to Fraction} \\ .75 =$$

$$10 \overline{)20}$$

$$4 \overline{)16.8}$$

$$\frac{1}{2} * \frac{7}{9} =$$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$$

$$\frac{6}{7} + \frac{4}{7} =$$

$$\begin{array}{r} 565 \\ \times 50 \\ \hline \end{array}$$

$$\frac{5}{7} + \frac{9}{7} =$$

$$10 \overline{)54.0}$$

$$17 \overline{)117.3}$$

$$\begin{array}{r} 68 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 43.41 \\ - 2.55 \\ \hline \end{array}$$

$$\begin{array}{r} 82.7 \\ \times 6.8 \\ \hline \end{array}$$

$$\frac{5}{8} - \frac{1}{8} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$\frac{8}{9} \div \frac{2}{3} = 1\frac{1}{3}$ (3)	Convert to Decimal $\frac{1}{2} = .5$ (2)	65% of 25 $= 16.25$ (5)	Convert to Fraction .8 = $\frac{4}{5}$ (2)	$\frac{7}{9} + \frac{1}{3} = 1\frac{1}{9}$ (3)	15 (15)
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Convert to Fraction .1 = $\frac{1}{10}$ (3)	$\begin{array}{r} 88.46 \\ + 74.21 \\ \hline 162.67 \end{array}$ (6)	$\begin{array}{r} 31.77 \\ - 1.08 \\ \hline 30.69 \end{array}$ (5)	Convert to Fraction .2 = $\frac{1}{5}$ (2)	$\begin{array}{r} 95.3 \\ \times 9.2 \\ \hline 876.76 \end{array}$ (6)	22 (37)
---	---	---	--	---	---------

$\frac{1}{2} \times \frac{8}{9} = \frac{4}{9}$ (2)	$2.3 \overline{)66.7}$ (2)	$8 \overline{)62.4}$ (3)	$\begin{array}{r} 44 \\ \times 9 \\ \hline 396 \end{array}$ (3)	$\begin{array}{r} 74.7 \\ \times 7.2 \\ \hline 537.84 \end{array}$ (6)	16 (53)
---	-------------------------------	-----------------------------	--	---	---------

Convert to Decimal $\frac{4}{5} = .8$ (2)	$\frac{1}{3} \div \frac{2}{3} = \frac{1}{2}$ (2)	$\begin{array}{r} 32.42 \\ - 2.54 \\ \hline 29.88 \end{array}$ (5)	Convert to Decimal $\frac{3}{5} = .6$ (2)	Convert to Fraction .7 = $\frac{7}{10}$ (3)	14 (67)
---	---	---	---	---	---------

$68 \overline{)428}$ (3)	$32 \overline{)21}$ (3)	$2.7 \overline{)94.7}$ (6)	$\begin{array}{r} 98.98 \\ + 9 \\ \hline 107.98 \end{array}$ (6)	$\begin{array}{r} 33.19 \\ + 8.99 \\ \hline 42.18 \end{array}$ (5)	23 (90)
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$\begin{array}{r} 9 \\ \times 5.5 \\ \hline 49.5 \end{array}$ (4)	Convert to Fraction .75 = $\frac{3}{4}$ (2)	$\begin{array}{r} 38.4 \\ \times 4.1 \\ \hline 157.44 \end{array}$ (6)	30% of 25 $= 7.5$ (3)	$\frac{9}{10} + \frac{3}{10} = 1\frac{1}{5}$ (3)	18 (108)
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AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 8 Answer Key

You have 4 minutes to write your answers to several kinds of math problems. Look at each problem carefully. Try to work each problem, but if you REALLY don't know how to do it, put an X over it and go to the next one. Don't skip around. Some problems require you to read the instructions on the page. Reduce fractions to their most common form, and round decimals to the thousandths place.

$$\begin{array}{r} 15.188 \\ 4.8 \overline{) 72.9} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.5 = \frac{1}{2}$$

(2)

Convert to Fraction

$$.6 = \frac{3}{5}$$

(2)

$$\begin{array}{r} 13.063 \\ 4.8 \overline{) 62.7} \\ \hline \end{array}$$

(6)

Convert to Fraction

$$.4 = \frac{2}{5}$$

(2) 18 (126)

$$\begin{array}{r} 55.4 \\ \times 5 \\ \hline 277 \\ \hline \end{array}$$

(3)

Convert to Decimal

$$\frac{3}{4} = .75$$

(3)

90% of 75

$$= 67.5$$

(4)

$$\begin{array}{r} 72.7 \\ \times 6.8 \\ \hline 494.36 \\ \hline \end{array}$$

(6)

$$\begin{array}{r} 41.16 \\ + 17.48 \\ \hline 58.64 \\ \hline \end{array}$$

(5) 21 (147)

Convert to Decimal

$$\frac{2}{5} = .4$$

(2)

79% of 50

$$= 39.5$$

(4)

$$\begin{array}{r} 842 \\ \times 32 \\ \hline 26944 \\ \hline \end{array}$$

(5)

76% of 75

$$= 57$$

(2)

$$\begin{array}{r} 59.9 \\ \times 7 \\ \hline 419.3 \\ \hline \end{array}$$

(5) 18 (165)

$$\begin{array}{r} 63.16 \\ + 17.26 \\ \hline 80.42 \\ \hline \end{array}$$

(5)

Convert to Fraction

$$.3 = \frac{3}{10}$$

(3)

$$\begin{array}{r} 12 \\ 12 \overline{) 144} \\ \hline \end{array}$$

(2)

$$\begin{array}{r} 8.9 \\ 9 \overline{) 80.1} \\ \hline \end{array}$$

(3)

$$\frac{5}{9} \times \frac{7}{9} = \frac{35}{81}$$

(4) 17 (182)

$$\begin{array}{r} 596 \\ \times 84 \\ \hline 50064 \\ \hline \end{array}$$

(5)

$$\frac{4}{5} + \frac{6}{5} = 2$$

(1)

$$\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \\ \hline \end{array}$$

(2)

$$\frac{6}{7} + \frac{5}{7} = 1\frac{4}{7}$$

(3)

$$\begin{array}{r} 8.1 \\ 11 \overline{) 89.1} \\ \hline \end{array}$$

(3) 14 (196)

$$\begin{array}{r} 6 \\ 13 \overline{) 78.0} \\ \hline \end{array}$$

(1)

$$\begin{array}{r} 753 \\ \times 12 \\ \hline 9036 \\ \hline \end{array}$$

(4)

$$\begin{array}{r} 46.08 \\ - 9.96 \\ \hline 36.12 \\ \hline \end{array}$$

(5)

$$\begin{array}{r} 19.1 \\ \times 2.2 \\ \hline 42.02 \\ \hline \end{array}$$

(5)

$$\frac{3}{4} - \frac{1}{4} = \frac{1}{2}$$

(2) 17 (213)

AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 8

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Student Name: _____ Grade: _____ Teacher Name: _____

$$\frac{8}{9} \div \frac{2}{3} =$$

Convert to Decimal

$$\frac{1}{2} =$$

$$65\% \text{ of } 25 =$$

Convert to Fraction

$$.8 =$$

$$\frac{7}{9} + \frac{1}{3} =$$

Convert to Fraction

$$.1 =$$

$$\begin{array}{r} 88.46 \\ + 74.21 \\ \hline \end{array}$$

$$\begin{array}{r} 31.77 \\ - 1.08 \\ \hline \end{array}$$

Convert to Fraction

$$.2 =$$

$$\begin{array}{r} 95.3 \\ \times 9.2 \\ \hline \end{array}$$

$$\frac{1}{2} * \frac{8}{9} =$$

$$2.3 \overline{)66.7}$$

$$8 \overline{)62.4}$$

$$\begin{array}{r} 44 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 74.7 \\ \times 7.2 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{4}{5} =$$

$$\frac{1}{3} \div \frac{2}{3} =$$

$$\begin{array}{r} 32.42 \\ - 2.54 \\ \hline \end{array}$$

Convert to Decimal

$$\frac{3}{5} =$$

Convert to Fraction

$$.7 =$$

$$68 \overline{)428}$$

$$32 \overline{)21}$$

$$2.7 \overline{)94.7}$$

$$\begin{array}{r} 98.98 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 33.19 \\ + 8.99 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ \times 5.5 \\ \hline \end{array}$$

Convert to Fraction

$$.75 =$$

$$\begin{array}{r} 38.4 \\ \times 4.1 \\ \hline \end{array}$$

$$30\% \text{ of } 25 =$$

$$\frac{9}{10} + \frac{3}{10} =$$

AIMSweb® Mathematics Computation 2 Progress Monitor #40 - Grade 8

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Student Name: _____

Grade: _____

Teacher Name: _____

$$4.8 \overline{)72.9}$$

Convert to Fraction
 $.5 =$

Convert to Fraction
 $.6 =$

$$4.8 \overline{)62.7}$$

Convert to Fraction
 $.4 =$

$$\begin{array}{r} 55.4 \\ \times 5 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{3}{4} =$

90% of 75
 $=$

$$\begin{array}{r} 72.7 \\ \times 6.8 \\ \hline \end{array}$$

$$\begin{array}{r} 41.16 \\ + 17.48 \\ \hline \end{array}$$

Convert to Decimal
 $\frac{2}{5} =$

79% of 50
 $=$

$$\begin{array}{r} 842 \\ \times 32 \\ \hline \end{array}$$

76% of 75
 $=$

$$\begin{array}{r} 59.9 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 63.16 \\ + 17.26 \\ \hline \end{array}$$

Convert to Fraction
 $.3 =$

$$12 \overline{)144}$$

$$9 \overline{)80.1}$$

$$\frac{5}{9} \times \frac{7}{9} =$$

$$\begin{array}{r} 596 \\ \times 84 \\ \hline \end{array}$$

$$\frac{4}{5} + \frac{6}{5} =$$

$$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$$

$$\frac{6}{7} + \frac{5}{7} =$$

$$11 \overline{)89.1}$$

$$13 \overline{)78.0}$$

$$\begin{array}{r} 753 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 46.08 \\ - 9.96 \\ \hline \end{array}$$

$$\begin{array}{r} 19.1 \\ \times 2.2 \\ \hline \end{array}$$

$$\frac{3}{4} - \frac{1}{4} =$$